Ontario Statistics 1986

Errata

Ontario Statistics 1986

Page 33, last paragraph should read:

A set of tables describing various socio-economic aspects of life among Francophones in Ontario is presented for the first time in the publication in Tables 3.67 to 3.79. Bill 8 (An Act to Provide for French Language Services in the Government of Ontario) identifies certain areas of Ontario for the purpose of provision of French language services. Further information on Francophone Ontario can be obtained from the Office of Francophone Affairs (Office des Affaires Francophones), telephone Toronto, 965-3865.

Page 102, footnote #2 should be replaced by:

2. Data shown are for the francophone population of the United Counties of Stormont, Dundas and Glengarry. Designated areas are: County of Stormont, County of Glengarry, and Winchester Township in Dundas County.

Statistiques de L'Ontario 1986

page 34, la derniere paragraphe doit se lire:

Cette publication présente pour la première fois un ensemble de tableaux décrivant les divers aspects socio-économiques de la vie des Francophones de l'Ontario, Tableaux 3.67 à 3.79. Le projet de loi 8 (Loi sur les services en français au gouvernement de l'Ontario) a été adopté par l'Assemblée législative. La loi 8 désigne certaines régions de l'Ontario où les services seront offerts en français. On peut obtenir de plus amples renseignements sur l'Ontario francophone et sur la loi 8 en s'adressant à l'Office des affaires francophones, à Toronto, 965-3865.

page 105, note #2, doit se lire:

2. Les donnés portent sur la population francophone des comtés unis de Stormont, Dundas et Glengarry. Les régions désignées sont les suivantes: le comté de Stormont, le comté de Glengarry et le canton de Winchester de comté de Dundas.

Ontario Statistics 1986

Ontario

Ministry of
Treasury and
Economics

Robert F. Nixon, Treasurer of Ontario
Brock A. Smith, Deputy Treasurer

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FOREWORD

Ontario Statistics continues to answer the need for timely, comprehensive information on the social and economic life of this province. Through annual updating and refining, it has become the province's authoritative handbook of comparative socio-economic data.

The material in this 10th edition has been organized into 33 chapters on our land, people, economy and government and includes many comparisons with the rest of Canada. There is also new information on our francophone population, our aboriginal people and our seniors.

We wish to thank Statistics Canada and the federal, provincial, financial, and industrial organizations that contributed to this latest volume.

R. Nixon

Robert F. Nixon
Treasurer of Ontario and Minister of Economics

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INTRODUCTION

Ontario Statistics 1986 is the latest in a series of statistical handbooks which has been published since 1975. For the first time, it is published in both English and French.

Each chapter begins with a listing of the charts and tables that are included. A detailed description of the sources of data is provided to give the reader a broad sense of the strengths and weaknesses of different data series pertaining to similar subjects.

Ontario Statistics shows data for the Province as a whole, and includes comparisons to other regions of Canada where appropriate. Since Ontario Statistics is designed as a reference manual, most data series are presented as raw numbers. Exceptions are chapters on Women (Chapter 5), Aboriginal People (Chapter 6), Seniors (Chapter 7) and information on the francophone population (included in Chapter 3) where some derived data are included. In some tables figures will not add to totals due to rounding.

The Standard Industrial and Standard Occupational Classification conventions have been used in many chapters and the reader is referred to Statistics Canada catalogues 12-501 and 12-565 respectively for further information on these classification systems.

The symbols used in this volume are as follows:

. .	figures not available
. . .	figures not appropriate or not applicable
–	nil or zero
– –	amount too small to be expressed
p	preliminary figures
r	revised figures

Comments on "Ontario Statistics 1986" are welcomed and should be directed to the Statistics Section, Sectoral and Regional Policy Branch, Ministry of Treasury and Economics, Queen's Park, Toronto, Ontario. (Telephone (416) 965-0955).

Ontario Statistics 1986

THE LAND

Chapter 1
Natural Resources

Natural Resources

This chapter presents a physical description of Ontario, and includes:

- areas of land and water;
- capability of the soils for the production of crops;
- heights and elevation of land and water;
- areas of productive lands, i.e., farmland, forest land.

Sources of Data

The four main sources of data are:

- Ontario Ministry of Natural Resources;
- Agriculture Canada, Canadian Forestry Service;
- Statistics Canada;
- Environment Canada.

The Ontario Ministry of Natural Resources publishes various media (maps, air photography, survey material, and reports) with respect to a number of resources related areas. These publications deal with data areas such as forest and trees management and surveying, fish and fisheries, and lands and waters. Further information regarding printed material by the Ministry of Natural Resources can be found at the Public Information Centre, Room 1640, 99 Wellesley St. W., Toronto, or through the Ministry's field offices and Northern Affairs Offices, Ministry of Northern Development and Mines, for publications being ordered from outside the Toronto area. Telephone enquiries concerning Ministry of Natural Resources programs and services should be directed to Communications Services, telephone Toronto, 965-2756.

Ontario Minerals, a Ministry of Northern Development and Mines pamphlet, provides a brief history of Ontario's geological past. An explanatory map of the structural areas as well as descriptions of common Ontario minerals is provided. Information with respect to Ontario's geological history can be obtained through the Geoscience Information Office, telephone Toronto, 965-0190.

The Forestry Systems and Statistics Branch of the Canadian Forestry Service at Agriculture Canada working with the Canadian Forestry Inventory Committee, which includes all provincial and territorial chiefs of forest inventory, has compiled *Canada's Forest Inventory*. This publication provides data and mapping for various aspects of the forests in Canada and the provinces. Through a newly developed computer based system, data from agencies within provincial and federal governments can be integrated and presented in a more location specific summary. Mapping of forest areas is done according to computerized cells covering areas as small as 100 square kilometres. Age of inventory, forest land, ownership status, area of stocked productive forest land, age class and forest type are among a number of different variables stored in these cells. More detailed data are available through the Forestry Systems and Statistics Branch, Canadian Forestry Service, Agriculture Canada, Ottawa, Ontario, K1A 1G5.

The Canadian Forestry Service, through its Economics Branch, also provides economic data as well as surveyed inventories of forest land in Canada through *Selected Forestry Statistics*. The Branch is located on the 19th Floor, Place Vincent Massey, 351 St. Joseph Blvd., Hull, Quebec, telephone 997-1683.

Statistics Canada, in *Canada's Yearbook*, provides information on areas of land, freshwater, elevations of the Great Lakes, principal heights in each province and a number of other characteristics relating to the physical structure of Canada. General enquiries can be directed to Statistics Canada, telephone Ottawa, 990-8116.

Information on degree days was taken from the Fisheries and Environment Canada publication *Degree Days, 1941–1970*. This publication contains data from 247 stations across Ontario and similar data for other regions of Canada. The values for degree days below 18°C indicate the heating requirements for buildings in the cities listed.

Natural Resources

Charts:

1.1 Hours of Bright Sunshine, Selected Centres, Ontario
1.2 Mean Total Precipitation, Selected Centres, Ontario

Tables:

1.1 Land and Freshwater Areas, Ontario and Other Provinces of Canada
1.2 Mean Temperature, Precipitation, and Hours of Sunshine, by Month and Location, Ontario
1.3 Soil Capability for Agriculture, Ontario and Other Regions of Canada
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1.5 Principal Heights, Ontario, Highest Points, Other Provinces
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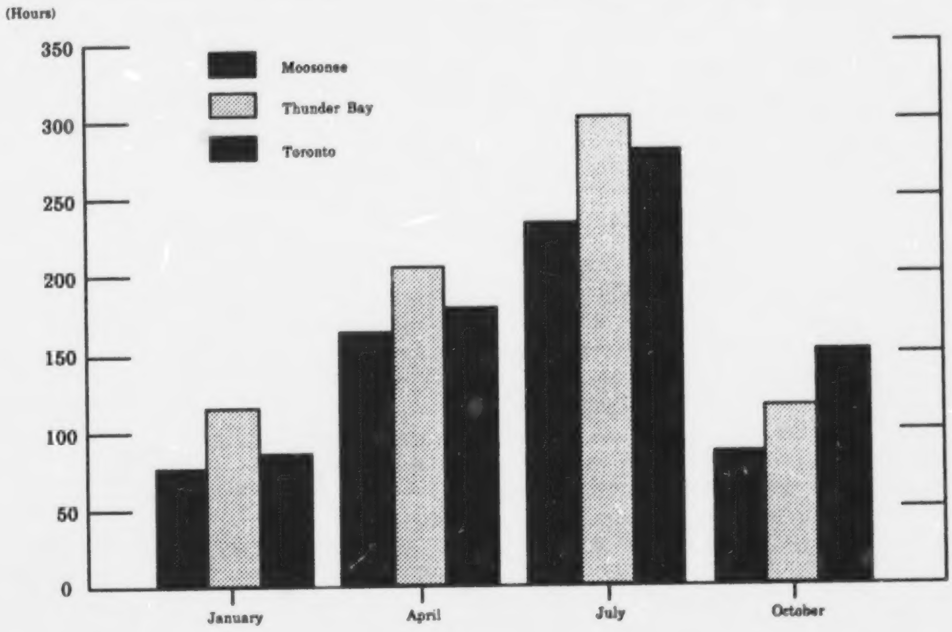
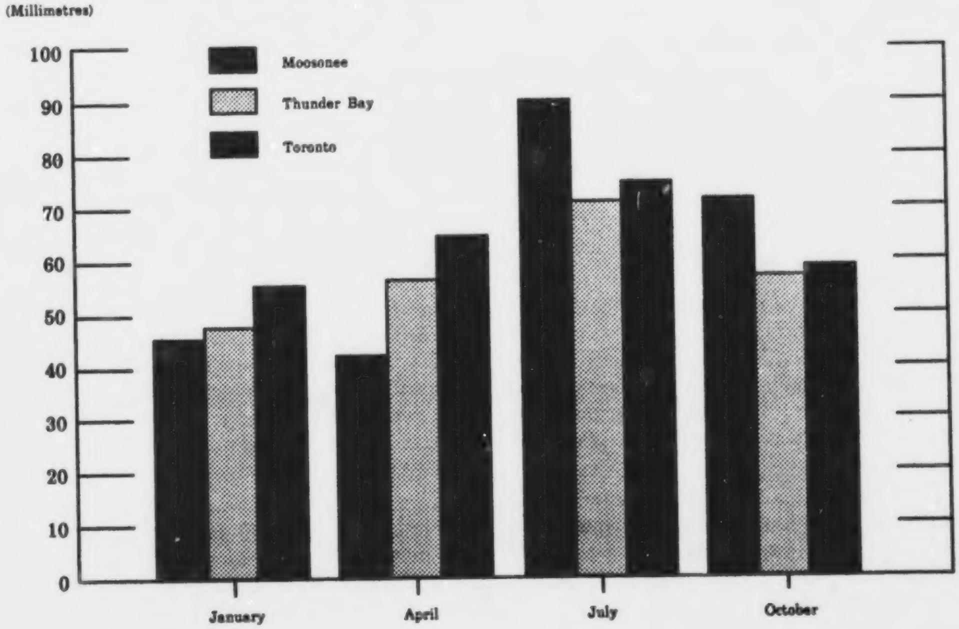
1.9 Ownership of Forest Land, Ontario and Other Regions of Canada, 1981
1.10 Status of Forest Land, Ontario and Other Regions of Canada, 1981
1.11 Productivity of Forest Land, Ontario and Other Regions of Canada, 1981
1.12 Forest Type, Ontario and Other Regions of Canada, 1981
1.13 Volume of Wood by Species, Ontario and Other Regions of Canada, 1981
1.14 Silvicultural Operations, Crown Lands Treated, Ontario, 1971/72 to 1982/83
1.15 Silvicultural Operations by Type of Land, Area Treated, Ontario, 1982/83

Chart 1.1 Hours of Bright Sunshine, Selected Centres, Ontario



Refer to Table 1.2

Chart 1.2 Mean Total Precipitation, Selected Centres, Ontario



Refer to Table 1.2

Physical Description

Ontario is bounded by the Province of Quebec to the east, the Province of Manitoba to the west, Hudson Bay and James Bay to the north and by the states of New York, Ohio, Michigan and Minnesota to the south.

Ontario's northernmost point, at Hudson Bay, is at coordinates 56° 51′ 37″ latitude and 88° 52′ 55″ longitude while its western point is at 95° 09′ 21″ longitude and 49° 23′ 34″ latitude. The most easterly land point is 45° 12′ 19″ latitude, 74° 20′ 38″ longitude and the most easterly point on water is 45° 11′ 15″ latitude, 74° 19′ 16″ longitude. Point Pelee on Lake Erie is the southernmost mainland mark at 41° 54′ 26″ latitude, 82° 30′ 30″ longitude. However, Middle Island in Lake Erie is the southernmost land mark at 41° 40′ 53″ latitude, 82° 41′ 09″ longitude and the Canada/United States border is further south at 41° 40′ 35″ latitude, 82° 24′ 11″ longitude.

Geological History

The Precambrian Shield in Ontario is divided into three structural domains or provinces. Based on age, structural differences, and degrees of metamorphism – rock changes due to heat and/or pressure – these structural provinces are called the Superior Province, the Southern Province and the Grenville Province. Younger deposits, primarily of sedimentary rocks, have filled down-warped basins on the Shield during the Phanerozoic Era – the last 600 million years.

The Superior Province, largest and oldest of the major geological subdivisions of Ontario, consists primarily of rocks formed more than 2,600 million years ago. Originally, this area consisted of numerous large volcanoes forming islands in an ancient sea, somewhat resembling the island-studded area of the present day south-west Pacific Ocean. Between these islands thick sequences of sedimentary rocks formed. At a later stage, about 2,600 million years ago, a major deformation – termed the Kenoran Orogeny – folded these volcanic and sedimentary rocks into nearly vertical positions and depressed them into hotter parts of the Earth's crust where they were metamorphosed. Immense molten granitic masses – termed batholiths – intruded and contorted the depressed rock sequences. Since then, erosion has exposed these batholiths (which today form 60 per cent of the Superior Province), as well as the metamorphosed earlier sequences of volcanic and sedimentary rocks. It is within these old metamorphosed volcanic and sedimentary rocks that the famous mines of Virginia Town, Kirkland Lake-Timmins, Wawa, Manitouwadge, Sturgeon Lake and Red Lake have been discovered.

After nearly 250 million years of erosion, deposition of the predominantly sedimentary rock sequence of the Southern Province began in the area extending from Sault Ste. Marie to Cobalt. In this area the famous Nipissing Diabase – a sheet-like intrusion of medium-grained dark coloured rock – was emplaced about 2,160 million years ago. Best known for its association with the rich mines of the Cobalt silver camp, this rock is widespread throughout the area. The origin of the Sudbury basin is still debated. Many geologists believe it to be related to a massive meteorite impact occuring 1,844 million years ago. The sedimentary rocks of the Thunder Bay and Lake Nipigon area were deposited between 2,000 and 1,350 million years ago. Slightly later, 1,090 million years ago, sheet-like intrusions – sills – of diabase wedged their way between the sedimentary layers. Today, these sills form the cap-rock of mesas and buttes, cause spectacular waterfalls, and enclose Ouimet Canyon. The Southern Province has produced the largest share of Ontario's mineral wealth from the mining camps of Cobalt, Sudbury, and Elliot Lake. As well, the provincial mineral emblem, amythest, occurs within rocks of the Southern Province near Thunder Bay.

The northern part of the Grenville Province consists of sandstone deposited at the edge of an old continent; volcanic rocks, limestones, and plutonic rocks predominate in the South. Most of the Grenville Province was subjected to repeated metamorphism. The last widespread metamorphism occurred between 1,200 and 1,000 million years ago, and as a result most of the rocks are now Gneissic – recrystallized colour-banded rocks. Metamorphism culminated between 1,100 and 900 million years ago with the injection of numerous granitic pegmatite dikes and the development of a unique nepheline syenite zone intruded by many pegmatites.

During the last 570 million years – the Phanerozoic Era – most rocks formed in Ontario have been sedimentary. Often fossils are imprisoned within them. At one time, most of Ontario was probably covered by Paleozoic rocks (the time period between 570 and 245 million years ago). More than 300 million years of erosion has removed most of these rocks, leaving only two major basins of sedimentary rocks: the Hudson Bay-James Bay basin in the north, and the Great Lakes-St. Lawrence basin in the south.

The southern Ontario Paleozoic rocks outcrop close to present-day urban centres, providing building materials, salt, oil, and natural gas. During the Paleozoic Era, the Ontario climate was warmer. Tropical reef deposits, such as those seen in the rocks of the Niagara Escarpment and the Formosa Reef of Bruce County, were formed. The thickest accumulation of sediments (1,480 metres) is found near Sarnia, where the most recent sedimentary rocks preserved in southern Ontario were deposited some 360 million years ago. For the last 300 million years, all of Ontario with the exception of the Hudson Bay area has been essentially an eroding land area. This erosion has left southern Ontario with famous land forms such as the Niagara Falls and Gorge, the Niagara Escarpment and interesting glacial features such as the striated rock surfaces and the deposits of the Peterborough Drumlins, the Norwood Esker, and the Oak Ridges Morraine.

The Phanerozoic rocks of the Hudson Bay and James Bay area have many points of similarity with those of southern Ontario. They consist almost entirely of sedimentary rocks, are divisible into two basins of deposition, and contain extensive deposits of gypsum, limestone and fossil fuels. The Moose River basin near the Ontario-Quebec border contains a thickness of nearly 800 metres of Mesozoic and Paleozoic rocks. The Mesozoic rocks, deposited between 175 and 110 million years ago, are the youngest sedimentary rocks in Ontario.

At various times during the last one million years, great ice sheets have covered Ontario. The most recent, or Wisconsinan, glaciation began its final melt-back about 18,000 years ago. Glaciation moulded much of the present landscape and determined the use we make of it. Former glacial lake plains produced the soils for farms, sandy glacial outwash deposits formed the soil of the great pine forests used in the forest industry, old meltwater channels provide the raw materials for the aggregate industry, and ridges of morraines exist as ground water reservoirs and barriers to the regular course of roads and rivers.

For more information, contact the Ministry of Natural Resources.

Table 1.1 Land and Freshwater Areas, Ontario and Other Provinces of Canada

	Land	Fresh-water	Total	% of Canada
		square kilometres		
Ontario	891,194	177,388	1,068,582	10.8
Newfoundland	370,485	34,032	404,517	4.1
Prince Edward Island	5,657	–	5,657	0.1
Nova Scotia	52,841	2,650	55,491	0.6
New Brunswick	72,092	1,344	73,436	0.7
Quebec	1,356,791	183,889	1,540,680	15.5
Manitoba	548,495	101,592	650,087	6.5
Saskatchewan	570,269	81,631	651,900	6.6
Alberta	644,389	16,796	661,185	6.6
British Columbia	930,528	18,068	948,596	9.5
Yukon	478,034	4,481	482,515	4.9
Northwest Territories	3,246,390	133,294	3,379,684	34.1
Canada	9,167,165	755,165	9,922,330	100.0

Source: Department of Energy Mines and Resources.

Table 1.2 Mean Temperature, Precipitation, and Hours of Sunshine, by Month and Location, Ontario

	Temperature	Degree Days	Bright Sunshine	Precipitation		
				Rainfall	Snowfall	Total
	°C.		hrs.		millimetres	
January						
Toronto	–6.3	694	87	22.9	351	55.6
London	–6.0	746	69	31.2	496	76.2
Ottawa	–10.9	899	96	14.0	485	59.9
Sudbury	–12.2	982	97	4.8	396	44.5
Timmins	–16.9	1,090	76	2.8	632	55.4
Thunder Bay	–14.8	1,017	116	1.3	516	48.0
Moosonee	–20.2	1,183	77	1.8	462	45.7
April						
Toronto	6.4	350	179	57.2	69	64.5
London	6.6	342	170	70.9	76	78.2
Ottawa	5.6	371	175	58.4	79	67.6
Sudbury	4.0	452	188	46.7	89	55.6
Timmins	1.3	502	165	27.7	193	45.7
Thunder Bay	2.4	469	205	36.6	201	56.4
Moosonee	–2.3	608	165	19.3	234	42.2
July						
Toronto	20.7	10	281	74.9	–	74.9
London	20.5	12	274	81.3	–	81.3
Ottawa	20.7	10	277	81.3	–	81.3
Sudbury	19.7	33	267	68.8	–	68.8
Timmins	17.4	63	233	88.1	–	88.1
Thunder Bay	17.5	47	302	71.1	–	71.1
Moosonee	15.5	106	233	90.4	–	90.4
October						
Toronto	9.8	231	153	58.2	8	58.7
London	9.9	251	153	72.1	23	74.2
Ottawa	8.7	290	138	63.8	18	65.8
Sudbury	8.1	348	115	70.4	18	72.1
Timmins	5.4	396	92	56.9	124	68.3
Thunder Bay	6.1	371	116	53.5	36	56.9
Moosonee	4.7	414	86	58.7	132	71.6

Sources: Fisheries and Environment Canada, *Atmospheric Environment, Degree Days, 1941-1970.*
Ministry of Natural Resources.

Notes:
1. Monthly long-term averages. Sunshine noted under Sudbury is recorded from the North Bay Airport, and similarly Timmins is recorded in Kapuskasing.
2. A degree day is the difference between the average daily temperature and 18°C. when the average mean temperature is less than 18°C. The data shown is the sum of degree days for the month.
3. Bright sunshine refers to the number of hours during which sunlight can be concentrated by a lens to scorch a card.
4. Total precipitation per month is the sum of rainfall and water equivalent of snowfall, (roughly one tenth by volume).

Table 1.3 Soil Capability for Agriculture, Ontario and Other Regions of Canada

	Class				
	1	2	3	4	5
	'000's hectares				
Ontario	2,156.8	2,217.7	2,908.8	2,624.6	1,915.3
Atlantic	–	588.4	2,277.4	2,522.9	1,950.0
Quebec	19.6	907.1	1,277.2	2,580.5	1,658.6
West	1,969.8	12,477.6	18,662.7	17,268.5	28,824.8
Canada	4,146.1	16,190.8	25,126.1	24,996.5	34,348.8

Table 1.3 (cont'd.)

	Class		O	
	6	7	(Organic)	Unclassed
	'000's hectares			
Ontario	1,140.3	11,221.3	2,563.3	782.7
Atlantic	233.3	6,026.5	473.7	1,563.3
Quebec	10.7	20,599.6	1,516.9	132.1
West	15,392.1	20,760.3	13,522.3	73,442.4
Canada	16,776.3	58,607.7	18,076.2	75,920.5

Sources: Environment Canada, Lands Directorate, Land Data and Evaluation Branch.
British Columbia Environment and Land Use Committee Secretariat.
Ministry of Agriculture and Food, *Ontario Soils, Publication 492.*

Notes: 1. Summary of CLI Land Use Capability Classes.
Class 1 = Land has no significant limitations for a wide range of crops.
Class 2 = Land has moderate limitations that may restrict the range of crops.
Class 3 = Land has moderately severe limitations that restrict the range of crops.
Class 4 = Land is subject to severe limitations that restrict the range of crops.
Class 5 = Land is subject to severe limitations preventing the use of land for annual field crops.
Class 6 = Land is capable of producing perennial forage crops and should be kept in a permanent vegetative cover.
Class 7 = Land is not considered suitable for agriculture.
2. Unclassed = Unmapped areas, water areas, forest reserves, national parks, urban areas and provincial parks.
3. Data for Atlantic region includes areas of Newfoundland within a 100 mile (161 km) radius of St. John.
4. Data for West region includes British Columbia data using improved rating and O (Organic) soils which are included with the mineral soils of the same name.
5. The Yukon and Northwest Territories are not included in Canada Land Inventory.

Table 1.4 Elevations, Areas and Depths of the Great Lakes

	Elevation	Length	Breadth	Maximum Depth	Total Area	Area on Canadian Side of Boundary
	m.	km.	km.	m.	sq.km.	sq.km.
Superior	183	563	257	405	82,103	28,749
Michigan	176	494	190	281	57,757	–
Huron	176	332	295	229	59,570	36,001
St. Clair	175	42	39	6	1,114	694
Erie	174	388	92	64	25,667	12,769
Ontario	75	311	85	244	19,011	10,049

Source: Department of the Environment, Information Services Directorate.

Note: Elevation is the long-term mean, 1860-1972, International Great Lakes Datum, 1955.

Table 1.5 Principal Heights, Ontario, Highest Points, Other Provinces

Province and Range	Elevation
	m.
Ontario	
Highest point, Timiskaming District (47° 20′ 80° 44′)	693
Ogidaki Mountain	665
Batchawana Mountain	653
Tip Top Mountain	640
Niagara Escarpment	
Blue Mountain	541
Osler Bluff	526
Caledon Mountain	427
High Hill	354
Mount Nemo	305
Newfoundland	
Torngat Mountains	
Unnamed peak (58° 53′ 63° 43′)	1,652
Prince Edward Island	
Highest Point, Queens County (46° 20′ 63° 27′)	142
Nova Scotia	
Highest Point, Cape Breton (46° 42′ 60° 36′)	532
New Brunswick	
Mount Carleton	820
Quebec	
Mount D'Iberville (Torngat Mountains)	1,652
Manitoba	
Baldy Mountain	832
Saskatchewan	
Cypress Hills	1,392
Alberta	
Mount Columbia	3,747
British Columbia	
St. Elias Mountains	
Fairweather Mountain	4,663
Yukon	
St. Elias Mountains	
Mount Logan	5,951
Northwest Territories	
Mainland	
Mount Sir James MacBrien	2,762

Source: Department of Energy, Mines and Resources, Topographical Survey Division.

Table 1.6 Population and Farmland by Watersheds, Ontario, 1981

	Population	Area	Population Density	Urban Population	Farms	Total Farmland	Total Cropland
	'000's	'000's sq.km.	person/ sq.km.	'000's		'000's hectares	
Atlantic Basin							
West St. Lawrence	256.3	4.8	53.4	168.4	3.4	278.4	142.2
West St. Lawrence (Ontario portion)	190.6	4.1	46.6	125.1	2.6	223.3	101.0
Lower Ottawa	946.7	56.1	16.9	693.7	8.5	736.7	348.4
Lower Ottawa (Ontario portion)	588.7	9.8	59.9	466.2	6.0	482.3	264.4
Upper Ottawa	351.8	90.6	3.9	216.7	5.5	640.7	232.4
Upper Ottawa (Ontario portion)	252.7	42.6	5.9	160.6	4.1	452.8	161.7
Belleville-Napanee Area, Lake Ontario	178.3	7.1	25.3	104.5	2.9	281.3	121.0
Trent System, Lake Ontario	217.5	12.8	17.0	112.8	5.1	406.4	183.9
Oshawa-Colborne Area, Lake Ontario	197.5	1.9	103.4	159.7	1.7	109.2	63.2
Toronto Area, Lake Ontario	2,642.7	3.1	866.5	2,574.5	2.2	120.1	80.3
Hamilton Area, Lake Ontario	704.7	2.3	306.4	636.4	2.2	109.3	70.1
Niagara Peninsula	611.1	2.6	238.3	550.8	4.2	136.4	103.2
Grand River	583.0	7.0	82.9	465.7	8.8	532.6	395.8
Erie Shoreline	490.1	7.3	67.0	337.2	9.9	568.5	464.7
Thames River	464.8	5.8	80.1	381.9	7.0	478.8	401.4
Sydenham River	83.3	3.4	24.5	43.2	4.1	307.2	245.6
South Huron	294.8	13.9	21.2	161.6	12.4	978.8	618.7
Georgian Bay, Lake Simcoe	384.4	22.7	16.9	217.9	6.1	447.9	241.9
North Huron	371.8	55.9	6.7	291.1	1.7	220.7	58.9
Lake Superior	180.4	101.8	1.8	145.1	0.4	36.5	14.8
Hudson Bay Basin							
Harricanaw River	57.4	42.6	1.3	35.7	0.3	42.9	15.3
Harricanaw River (Ontario portion)	2.9	16.3	0.2	1.2	–	–	–
Moose River	123.3	112.3	1.1	77.8	0.8	112.6	37.4
Moose River (Ontario portion)	98.4	108.6	0.9	68.9	0.3	45.7	14.1
Albany River	5.7	100.2	0.1	1.8	.	. .	. .
Southwest Hudson Bay	7.3	325.9	––	–	–	–	–
Southwest Hudson Bay (Ontario portion)	7.3	304.6	––	–	–	–	–
Hayes River	5.1	107.9	––	–	–	–	–
Hayes River (Ontario portion)	–	15.9	–	–	–	–	–
Lake Winnipeg	114.5	227.8	0.5	46.9	3.1	571.0	272.0
Lake Winnipeg (Ontario portion)	74.3	130.6	0.6	40.9	0.6	101.7	30.0

Sources: Statistics Canada, *1981 Census of Population.*
1981 Census of Agriculture.

Table 1.7 Land Area Classification, Ontario and Other Regions of Canada, 1981

	Forest Land					
	Inventoried	Not Inventoried	Total	Agricultural Land	Other Land	Total Land
			'000's square kilometres			
Ontario	432	375	807	60	24	891
Atlantic	251	–	251	12	239	502
Quebec	624	316	940	38	379	1,357
West	2,117	249	2,366	549	3,502	6,417
Canada	3,425	940	4,364	659	4,144	9,167
Ontario % of Canada	12.6	39.9	18.5	9.1	0.6	9.7

Source: Environment Canada, *Selected Forestry Statistics – Canada,* E-X-32.

Table 1.8 **Land Class, Ontario and Other Regions of Canada, 1981**

	Forest	Non-forest	Undetermined	Total
	'000's square kilometres			
Ontario	431.9	13.3	0.4	445.6
Atlantic	251.4	64.1	154.3	469.8
Quebec	624.0	37.8	–	661.8
West	2,117.6	831.8	109.0	3,058.4
Canada	3,424.9	947.0	263.0	4,635.5
Ontario % of Canada	12.6	1.4	0.1	9.6

Source: Department of the Environment, *Canada's Forest Inventory, 1981*.

Note: Canada's Forest Inventory does not inventory all lands.

Table 1.9 **Ownership of Forest Land, Ontario and Other Regions of Canada, 1981**

	Federal	Provincial	Private	Municipal	Undetermined	Total
	'000's square kilometres					
Ontario	6.9	381.5	43.4	–	0.1	431.9
Atlantic	4.3	176.3	67.8	–	2.9	251.4
Quebec	1.9	555.8	66.3	–	–	624.0
West	706.0	1,189.3	21.4	0.9	0.1	2,117.6
Canada	919.1	2,302.9	199.0	0.9	3.1	3,424.9
Ontario % of Canada	0.8	16.6	21.8	–	2.3	12.6

Source: Department of the Environment, *Canada's Forest Inventory, 1981*.

Note: See note, Table 1.8.

Table 1.10 **Status of Forest Land, Ontario and Other Regions of Canada, 1981**

		Nonreserved					
	Reserved	Assigned	Retained	Other	Total	Undetermined	Total
	'000's square kilometres						
Ontario	3.6	–	378.7	43.4	422.2	6.2	431.9
Atlantic	2.2	59.9	114.7	62.8	237.4	11.7	251.4
Quebec	0.6	197.7	359.3	66.3	623.4	– –	624.0
West	72.7	17.8	1,830.7	21.7	1,872.2	172.8	2,117.6
Canada	79.1	275.5	2,685.5	194.2	3,155.1	190.7	3,424.9
Ontario % of Canada	4.5	–	14.1	22.4	13.4	3.2	12.6

Source: Department of the Environment, *Canada's Forest Inventory, 1981*.

Note: See note, Table 1.8.

Table 1.11 **Productivity of Forest Land, Ontario and Other Regions of Canada, 1981**

	Productive	Unproductive	Undetermined	Total
	'000's square kilometres			
Ontario	377.0	54.9	–	431.9
Atlantic	178.6	64.0	8.8	251.4
Quebec	533.4	90.6	–	624.0
West	1,113.1	973.4	31.1	2,117.9
Canada	2,202.1	1,183.0	39.9	3,424.9
Ontario % of Canada	17.1	4.6	–	12.6

Source: Department of the Environment, *Canada's Forest Inventory, 1981*.

Note: See note, Table 1.8.

Table 1.12 Forest Type, Ontario and Other Regions of Canada, 1981

	Softwood	Mixedwood	Hardwood	Undetermined	Total
			'000's square kilometres		
Ontario	170.7	105.4	54.7	0.1	330.8
Atlantic	110.0	43.1	15.4	–	168.6
Quebec	323.2	98.4	62.4	4.7	488.7
West	632.1	186.0	107.1	0.1	925.2
Canada	1,235.9	433.0	239.5	4.9	1,913.3
Ontario % of Canada	13.8	24.3	22.8	1.2	17.3

Source: Department of the Environment, *Canada's Forest Inventory, 1981.*

Notes: 1. Data refers only to stocked, productive, nonreserved forest land.
2. See note, Table 1.8.

Table 1.13 Volume of Wood by Species, Ontario and Other Regions of Canada, 1981

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			millions of cubic metres			
Softwoods						
Spruce	1,292	289	1,781	2,754	6,116	21.1
Pine	553	33	226	2,229	3,041	18.2
Fir	157	211	977	1,370	2,715	5.8
Hemlock	12	14	25	1,173	1,224	1.0
Cedar	49	38	70	627	784	6.3
Douglas Fir	–	–	–	614	614	–
Unspecified	12	341	10	713	1,076	1.1
Total	2,075	926	3,089	9,480	15,570	13.3
Hardwoods						
Aspen/Poplar	609	43	255	1,341	2,248	27.1
Birch	337	63	483	74	957	35.2
Maple	139	118	236	6	499	27.9
Unspecified	38	64	70	198	370	10.3
Total	1,123	288	1,044	1,619	4,074	27.6
Total	3,198	1,214	4,133	11,099	19,644	16.3

Source: Environment Canada, *Selected Forestry Statistics – Canada, E-X-32.*

Note: Volume of wood refers to gross merchantable wood on inventoried, stocked, productive, nonreserved forest land.

Table 1.14 Silvicultural Operations, Crown Lands Treated, Ontario, 1971/72 to 1982/83

Year	Regeneration	Retreatment	Tending	Site Preparation	Marking	Total
			hectares			
1982/83	80,913	2,353	39,550	67,583	37,229	225,275
1981/82	77,097	2,263	30,814	53,289	38,954	202,417
1980/81	95,668	7,981	39,113	51,057	43,390	237,209
1979/80	71,863	2,072	27,860	49,061	50,607	201,463
1978/79	70,715	3,435	35,512	42,834	50,243	202,739
1977/78	72,582	8,982	39,919	41,895	46,572	209,950
1976/77	64,358	. .	28,895	34,694	46,271	174,218
1975/76	62,265	. .	23,937	39,110	36,851	162,163
1974/75	66,334	. .	25,946	31,105	35,317	158,702
1973/74	53,264	. .	22,107	29,111	31,372	135,854
1972/73	60,721	. .	15,745	23,377	13,012	112,855
1971/72	67,712	. .	30,709	23,390	968	122,779

Source: Ministry of Natural Resources, *Statistics, 1983.*

Note: Data are for fiscal year ending March 31.

Table 1.15 Silvicultural Operations by Type of Land, Area Treated, Ontario, 1982/83

	Crown Land	Agreement Forests	Agreements Under W.I.A.	Other Patent Lands	Total
			hectares		
Regeneration					
Planting Bare Root Stock	21,272	330	5,349	3,327	30,278
Planting Container Stock	7,305	97	119	43	7,564
Planting Hybrid Poplar Cuttings	19	116	55	8	198
Seeding	29,857	–	–	134	29,991
Scarification	817	–	4	–	821
Strip Cutting	1,445	1	–	–	1,446
Seed Tree Cutting	3,215	6	–	339	3,560
Shelterwood Cutting	9,431	6	–	48	9,485
Clear Cutting	7,552	42	4	1,826	9,424
Total	80,913	598	5,531	5,725	92,767
Retreatment	2,353	257	1,623	59	4,292
Tending					
Hand Cleaning	5,844	216	654	24	6,738
Herbicide Spraying	26,165	674	2,791	2,205	31,835
Thinning Improvement Cuts	6,698	1,701	2,757	2,480	13,636
Pruning	756	852	411	1	2,020
Fertilization Drainage	87	161	29	–	277
Total	39,550	3,604	6,642	4,710	54,506
Site Preparation	67,583	601	2,077	737	70,998
Marking	37,229	3,217	4,134	9,373	53,953
Total	225,275	8,020	18,384	20,545	272,224

Source: Ministry of Natural Resources, *Statistics, 1983.*

Notes: 1. Crown Land includes land under Forest Management Agreements.
2. W.I.A. refers to the Woodlands Improvement Act.
3. Site preparation includes seeding, planting or modified harvest cutting.
4. See note, Table 1.14.

Chapter 2
Land Use

Land Use

General trends in physical structure and the utilization of resources within Ontario are reflected by the allocation of land for various uses. This chapter presents land use data in the following areas:

- land tenure;
- characteristics of physical structure;
- government land management;
- historical trends;
- distribution of population by type of municipality.

Sources of Data

The main sources of data are:

- Statistics Canada, including the Census of Agriculture;
- Municipal Analysis and Retrieval System (MARS) of the Ministry of Municipal Affairs;
- Ministry of Natural Resources.

Statistics Canada provides information on land use in *Canada's Yearbook, 1980-81*. It includes data on land tenure with respect to private, federal and provincial ownership of all land in Canada.

Railway Transport, Part III, (52-209), is part 3 of a six part annual series on railway transport in Canada. Information with respect to equipment, length of track, and consumption of fuel through the use of motive power equipment for Canada and the provinces is its main focus. Enquiries should be directed to Surface and Marine Transport Section, Transportation Division, Statistics Canada, telephone Ottawa, 990-8693.

Area of farmland and improved farmland statistics, as well as land patent statistics are derived from the Census of Agriculture. The Census of Agriculture has been taken every 5 years since 1951 and every 10 years between 1871 and 1951. Taken in conjunction with the Census of Population and Housing, it encompasses a range of variables including tenure of land, farm areas, use of land and crops. For a more extensive list of variables and explanation of the census, see Chapter 16 – Agriculture. As well as the series of census publications, data can be obtained through CANSIM, computer tape, microfiche and special requests to the Agriculture and Natural Resources Division of Statistics Canada, telephone Ottawa, 990-8711. Historical series for these tabulations can be found in the second edition of *Historical Statistics of Canada*.

Statistics, the Ministry of Natural Resources publication, is an annual report on the various aspects of the Ministry and its branches. The Land Management Branch of the Lands and Waters Group provides information on the management of lands which have been acquired by the Crown for Ministry of Natural Resources purposes. Information regarding land management can be obtained through the Land Management Branch, telephone Toronto, 965-1316.

The Ministry of Natural Resources publication, *Provincial Parks Annual Statistical Report*, lists historical information on the number of campsites and area by provincial park in Ontario. The Parks and Recreational Areas Branch is located at 99 Wellesley St. W., Toronto, telephone 965-5160.

The Municipal Analysis and Retrieval System (MARS), developed and maintained by the Ontario Ministry of Municipal Affairs, is a large database providing information on municipally organized areas with respect to population, land area, number of households and many other characteristics. This gives an indication of the dispersion of such series throughout the organized areas of the province (i.e., cities, towns, villages, and townships by Metropolitan Toronto, regional municipalities, counties and districts). Any enquiries regarding the MARS database should be directed to the Municipal Management Policy Branch, telephone Toronto, 585-7228.

Land Use

Tables:

2.1 Area Classified by Tenure, Ontario and Other Regions of Canada, 1978
2.2 Assessable Units by Class, Ontario, 1980 to 1982
2.3 Provincial Parks Summary, Ontario, 1962 to 1984
2.4 Surfaced Roads and Streets, Ontario and Other Regions of Canada, Selected Years, 1941 to 1976
2.5 Railroads, First Main Track, Ontario and Other Regions of Canada, Selected Years, 1910 to 1983
2.6 Land in Farm Holdings, Ontario and Other Regions of Canada, Census Years, 1871 to 1981
2.7 Improved Land in Farm Holdings, Ontario and Other Regions of Canada, Census Years, 1871 to 1981
2.8 Land Area Patented, Ontario and Other Regions of Canada, 1917 to 1971
2.9 Lands Acquired by the Crown for Natural Resources Uses, Ontario, 1975 to 1985
2.10 Area and Population for Municipalities, Ontario, 1982

Table 2.1 Area Classified by Tenure, Ontario and Other Regions of Canada, 1978

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's square kilometres			
Federal Crown Lands	1.3	2.2	1.2	3,675.9	3,680.5	--
National Parks	1.9	4.1	0.8	123.3	130.2	1.5
Indian Reserves	6.7	0.3	0.8	18.6	26.3	18.4
Privately Owned Land	119.0	100.0	119.4	623.8	962.3	12.4
Provincial Parks	52.3	1.2	130.0	64.9	248.4	21.1
Other Provincial Area	710.0	393.2	1,104.6	1,911.6	4,119.4	17.2
Freshwater Area	177.4	38.0	183.9	355.9	755.2	23.5
Total Area	1,068.6	539.1	1,540.7	6,774.0	9,922.3	10.7

Source: Statistics Canada, *Canada Yearbook, 1980-81.*

Notes: 1. Federal Crown Lands refers to those other than National Parks and Indian Reserves and includes Federal Forest Experiment Stations.
2. Privately Owned Land includes land in the process of alienation from the Crown.
3. Other Provincial Area includes provincial forests, municipally-owned land, conservation authorities, county forests, territorial area and area other than in provincial parks or provincial forests.

Table 2.2 Assessable Units by Class, Ontario, 1980 to 1982

	Residential Sector				Private Sector	
Year	Residences	Cottages	Farm Residences	Total	Commercial Property	Industrial Property
			'000's			
1982	3,032.6	188.4	118.1	3,339.1	270.5	21.0
1981	3,012.3	187.7	119.9	3,319.9	269.0	21.4
1980	2,969.9	186.2	123.0	3,279.1	258.5	20.3

Table 2.2 (cont'd.)

	Private Sector (cont'd.)					
Year	Car Parks	Railway, Pipeline & Distribution	Vacant Commercial & Industrial Buildings	Mining Land	Farm Land	Vacant Land
			'000's			
1982	47.5	6.7	60.1	6.1	116.6	560.5
1981	45.6	6.8	53.9	6.1	114.8	544.5
1980	41.5	6.7	51.7	6.3	114.1	543.5

Table 2.2 (cont'd.)

	Private Sector (cont'd.)			Public Sector		
Year	Other Taxable Properties	Religious, Cemeteries & Charitable Organizations	Total	Provincial Government	Ontario Hydro	Other Provincial Agencies
			'000's			
1982	20.5	21.0	1,130.3	5.1	3.4	1.8
1981	19.4	21.8	1,103.4	..	..	..
1980	17.9	21.9	1,082.3	..	..	..

Table 2.2 (cont'd.)

	Public Sector (cont'd.)						
Year	Federal Government & Agencies	Municipal	Public Utilities	Education	Conservation Authorities	Total	Total
			'000's				
1982	5.3	18.9	4.4	7.4	3.4	49.8	4,519.2
1981	. .	. .	. .	. .	. .	. .	. .
1980	. .	. .	. .	. .	. .	. .	. .

Source: Ministry of Municipal Affairs, Municipal Analysis and Retrieval System, (MARS).

Note: Data not available for Public Sector in years 1980 and 1981.

Table 2.3 Provincial Parks Summary, Ontario, 1962 to 1984

Year	Parks	Area	Campsites
	#	'000's ha	'000's
1984	138	5,477	20
1983	138	5,476	21
1982	132	4,254	20
1981	131	4,253	21
1980	131	4,257	21
1979	128	4,255	21
1978	128	4,272	20
1977	126	4,360	20
1976	122	4,359	20
1975	121	4,236	20
1974	117	4,215	20
1973	115	4,211	20
1972	115	4,194	20
1971	113	4,161	19
1970	108	4,143	18
1969	97	3,391	18
1968	96	1,523	17
1967	94	1,520	16
1966	92	1,516	16
1965	89	1,514	15
1964	88	1,502	15
1963	86	1,496	14
1962	81	1,409	13

Source: Ministry of Natural Resources, *Ontario Provincial Parks Annual Statistical Report.*

Notes:
1. Redefinition of park boundaries in 1978 resulted in lower overall area.
2. Wilderness Parks are included.
3. Data do not include Niagara Parks Commission, St. Clair Parks Commission, St. Lawrence Parks Commission or parks under Ministry of Tourism and Recreation (historical naval and military establishments, Old Fort William, Minaki Lodge, Thunder Bay Ski Jumps, Ontario Place, Huronia Historical Parks). Total area of parks is about 4,300 hectares.
4. Data exclude provincial park reserve areas.

Table 2.4 Surfaced Roads and Streets, Ontario and Other Regions of Canada, Selected Years, 1941 to 1976

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			kilometres			
1976	154,568	68,959	102,509	386,903	712,938	21.7
1975	151,900	68,618	101,133	378,118	699,769	21.7
1974	149,592	67,512	96,519	371,591	685,214	21.8
1973	148,578	65,959	96,180	365,023	675,740	22.0
1972	146,831	65,087	95,328	356,978	664,224	22.1
1971	152,654	64,793	84,400	349,634	651,481	23.4
1966	135,758	52,127	88,072	302,864	578,823	23.5
1961	137,598	52,901	80,513	241,384	512,396	26.9
1956	117,317	47,073	59,739	145,968	370,097	31.7
1951	106,665	38,692	48,378	103,283	297,020	35.9
1941	98,558	25,781	37,295	47,792	209,426	47.1

Source: Statistics Canada, *Road and Street Length and Financing,* (53-201).

Table 2.5 Railroads, First Main Track, Ontario and Other Regions of Canada, Selected Years, 1910 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			kilometres			
1983	14,944	2,261	4,508	16,984	37,697	39.6
1982	14,880	2,273	4,506	15,801	37,460	39.7
1981	15,367	6,461	8,322	35,585	65,736	23.2
1980	15,502	6,521	8,322	36,086	66,431	23.1
1979	15,751	6,520	8,370	36,433	67,073	23.5
1975	15,786	6,613	8,687	38,978	70,064	22.5
1970	16,151	6,700	8,574	38,799	70,225	22.8
1965	16,010	7,287	8,573	37,606	69,475	23.1
1960	16,484	6,948	8,412	38,455	70,299	23.3
1950	16,827	6,795	7,715	37,271	68,608	24.3
1940	16,994	5,680	7,730	37,538	67,942	24.8
1930	17,599	5,858	7,870	35,794	67,121	26.0
1920	17,701	5,685	7,950	30,703	62,038	28.3
1910	13,242	5,055	6,106	15,388	39,792	33.3

Sources: Statistics Canada, *Railway Transport, Part III,* (52-209).
Railway Transport in Canada, (52-215).

Notes: 1. First Main Track represents the aggregate length of roadway, excluding yardtrack and sidings. A kilometre of railway line may include two or more parallel tracks which are not counted separately. Jointly used track is also only counted once.
2. Beginning with 1982, data are for operating mainline track only.

Table 2.6 Land in Farm Holdings, Ontario and Other Regions of Canada, Census Years, 1871 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's of hectares			
1981	6,039.2	1,220.4	3,779.2	54,850.1	65,888.9	9.2
1976	6,261.7	1,288.3	4,008.9	56,866.2	68,427.0	9.2
1971	6,460.0	1,418.8	4,371.0	56,410.7	68,662.6	9.4
1966	7,213.9	1,878.1	5,214.8	56,157.4	70,465.9	10.2
1961	7,518.7	2,203.5	5,745.7	54,358.2	69,828.9	10.8
1956	8,045.1	2,789.9	6,438.5	53,108.9	70,384.5	11.4
1951	8,449.8	3,166.3	6,793.1	52,024.4	70,434.3	12.0
1941	9,060.1	3,621.9	7,309.8	50,247.0	70,239.7	12.9
1931	9,243.4	3,903.2	7,002.7	45,860.6	66,011.9	14.0
1921	9,157.6	4,131.8	6,983.7	36,742.6	57,015.3	16.1
1911	8,972.7	4,451.5	6,318.4	24,354.8	44,098.2	20.3
1901	8,640.0	4,337.8	5,845.3	6,842.8	25,666.0	33.7
1891	8,535.6	4,761.5	6,459.6	4,640.9	24,397.7	35.0
1881	7,794.2	4,181.6	5,109.6	1,270.3	18,355.7	42.5
1871	6,540.5	3,585.1	4,462.1	–	14,587.7	44.8

Sources: Statistics Canada, *Historical Statistics of Canada, Second Edition.*
Census of Agriculture.

Notes:
1. The Atlantic region does not include Newfoundland prior to 1949 or Prince Edward Island prior to 1873.
2. Data for Yukon and Northwest Territories are included in Canada total only for years 1931 through 1981.
3. Data for Manitoba, Saskatchewan and Alberta Indian reserves include only improved land for farm holdings in 1911 and 1921.
4. Data for Quebec in 1891 include arpents which were not converted to comparable units.
5. Data for West in 1891 include Northwest Territories west of Manitoba.

Table 2.7 Improved Land in Farm Holdings, Ontario and Other Regions of Canada, Census Years, 1871 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's of hectares			
1981	4,518.6	583.1	2,360.3	38,659.6	46,121.6	9.8
1976	4,479.6	572.3	2,396.8	36,777.2	44,226.7	10.1
1971	4,396.9	560.9	2,610.2	36,197.5	43,766.3	10.0
1966	4,857.8	694.4	3,087.3	35,128.7	43,768.4	11.1
1961	4,869.6	741.4	3,182.4	33,052.3	41,845.7	11.6
1956	5,087.7	910.5	3,492.4	31,109.4	40,600.5	12.5
1951	5,136.7	948.2	3,573.0	29,537.2	39,195.0	13.1
1941	5,407.8	1,126.6	3,667.7	26,880.8	37,084.2	14.6
1931	5,371.4	1,190.2	3,639.7	24,493.6	34,694.9	15.5
1921	5,329.3	1,265.5	3,668.5	18,375.6	28,639.6	18.6
1911	5,525.2	1,404.7	3,303.0	9,489.1	19,721.9	28.0
1901	5,368.6	1,373.1	3,010.9	2,455.2	12,207.7	44.0
1891	5,729.5	1,708.6	3,509.0	628.1	11,575.2	49.5
1881	4,570.5	1,496.1	2,594.0	187.8	8,848.9	51.7
1871	3,575.0	1,132.3	2,308.3	–	7,015.6	51.0

Sources: Statistics Canada, *Historical Statistics of Canada, Second Edition.*
Census of Agriculture.

Note: See notes, Table 2.6.

Table 2.8 Land Area Patented, Ontario and Other Regions of Canada, 1917 to 1971

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's hectares			
1967 – 1971	12.1	14.7	. .	1,095.8	1,122.7	1.1
1962 – 1966	39.8	21.5	. .	791.9	853.3	4.7
1957 – 1961	52.2	20.1	21.9	755.3	849.8	6.1
1952 – 1956	98.7	37.1	174.7	551.7	863.5	11.4
1947 – 1951	129.1	57.9	163.8	644.9	999.1	12.9
1942 – 1946	123.4	46.6	192.6	1,222.9	1,589.4	7.8
1937 – 1941	76.9	23.6	198.3	1,638.7	1,946.3	4.0
1932 – 1936	79.9	12.6	99.5	1,266.0	1,458.1	5.5
1927 – 1931	152.8	23.8	160.1	1,747.2	2,084.0	7.3
1922 – 1926	205.5	30.8	313.6	2,646.8	3,196.7	6.4
1917 – 1921	199.8	54.3	484.7	6,752.6	7,491.4	2.7

Source: Statistics Canada, *Historical Statistics of Canada, Second Edition.*

Notes: 1. See Table 2.6, note 1.

2. Area patented is a measure of the amount of Crown land alienated from the Crown for the first time. Patented means that a deed bearing title to the land has been drawn up by the federal or a provincial government for Crown land not previously transferred into private hands.

Table 2.9 Lands Acquired by the Crown for Natural Resources Uses, Ontario, 1975 to 1985

Year	Provincial Parks	Lands General	Sport Fisheries	Wildlife Management	Timber Management	Total
				hectares		
1985	504	79	4	101	23	711
1984	420	2	–	–	98	520
1983	261	56	146	213	726	1,402
1982	588	32	47	24	31	722
1981	549	–	51	3	100	703
1980	2,350	109	16	–	5	2,480
1979	2,028	79	–	–	3	2,110
1978	548	4	–	111	4,332	4,995
1977	630	140	81	248	2	1,101
1976	2,143	12	6	163	–	2,325
1975	4,815	87	1	384	–	5,286

Source: Ministry of Natural Resources, *Statistics, 1985.*

Note: Data are for years ending March 31.

Table 2.10 Area and Population for Municipalities, Ontario, 1982

	Metropolitan Toronto	Regional Municipalities	Counties	Districts	Total
			'000's hectares		
Area					
Cities	63.8	360.4	85.8	386.2	896.2
Towns & Villages	. . .	800.4	91.5	484.5	1,376.4
Townships	. . .	735.7	8,255.0	2,863.1	11,853.8
Total	63.8	1,896.5	8,432.3	3,733.8	14,126.5
			'000's		
Population					
Cities	2,107.7	2,133.2	1,105.0	287.4	5,633.3
Towns & Villages	. . .	761.4	514.5	174.7	1,450.6
Townships	. . .	235.5	984.6	145.5	1,365.6
Total	2,107.7	3,130.1	2,604.0	607.6	8,449.4
Households					
Cities	821.6	790.2	434.7	103.9	2,150.3
Towns & Villages	. . .	258.3	204.9	72.3	535.5
Townships	. . .	85.6	433.0	83.6	602.1
Total	821.6	1,134.1	1,072.6	259.8	3,288.0
			number		
Population Per Hectare					
Cities	33.0	5.9	12.9	0.7	6.3
Towns & Villages	. . .	1.0	5.6	0.4	1.0
Townships	. . .	0.3	0.1	0.1	0.1
Total	33.0	1.7	0.3	0.2	0.6

Source: Ministry of Municipal Affairs, Municipal Analysis and Retrieval System, (MARS).

Notes: 1. The major part of northern Ontario is not organized into municipalities and is excluded from this table. According to 1981 Census of Canada, the areas of Ontario which were not municipally organized in 1981 totalled 77,244,432 hectares, with 16,565 households, a population of 53,451, and an average population per hectare of 0.0007.

2. Cities includes Boroughs in Metropolitan Toronto and Townships includes Improvement Districts and Moosonee Development Board.

THE PEOPLE

Chapter 3
Population

Population

The data in this chapter cover population in terms of:

- basic characteristics;
- cultural characteristics;
- components of population change;
- marriages and divorces.

Basic characteristics include total population and its distribution by age, sex and marital status, as well as some derived data such as growth rates and age dependency ratios. Data on cultural characteristics include mother tongue, birthplace and ethnic origin. The components of population change are births, deaths, international immigration and emigration and interprovincial migration to and from Ontario.

Additional detailed characteristics of the female population are included in Chapter 5, Women, while demographic data on families and households are presented in Chapter 4.

Sources of Data

The main sources of data are:

- Census of Canada;
- Statistics Canada's estimates of population, emigration and interprovincial migration;
- Statistics Canada's Special Survey on Migration;
- Vital statistics records of the Registrar General Branch of the Ministry of Consumer and Commercial Relations;
- Employment and Immigration Canada's immigration records;
- Secretary of State files on citizenship;
- Department of Justice Canada registry of divorces;
- The Municipal Analysis and Retrieval System (MARS) database of the Ministry of Municipal Affairs;
- Ethnocultural Data Information of the Ministry of Citizenship and Culture;
- Addiction Research Foundation.

The Census of Canada is the most extensive source of population data available. By law, census data are used to determine the allocation of seats in Parliament and in the provincial legislatures, electoral boundaries and specified information such as counts of the two official languages. A variety of federal-provincial-municipal agreements and programs are based on census data.

A census has been taken in the first week of June every ten years since 1871, and every five years since 1956. Basic information on age, sex, marital status, households, families, housing and language is collected from 100% of the population. A random sample of households, with data weighted to produce estimates for the entire population, is used to gather a broader range of data on cultural, social and economic variables. The sample size was 33% in 1971 and 1976, and 20% in 1981 and 1986. The decennial censuses (those held in years ending in 1) collect information on more variables than the quinquennial censuses (those held in years ending in 6).

Canadians posted abroad with the armed forces or the diplomatic service are counted in the census data but are excluded from data on mobility and housing. In 1981 and 1986, residents of institutions were not included in the 20% sample, in contrast to the 1971 and 1976 censuses which included institutional residents in many of the sample variable tabulations.

Marital status has been defined differently in particular censuses. In 1961 and 1966, the category Separated was included with Now Married, whereas from 1971 on it appears separately. Since 1976, common law relationships have been included in the Married category.

The mobility status data are collected in response to the question, "Where did you live 5 years ago?" Persons moving more than once during the five-year period will be counted only once, while persons who have migrated and then died or left Canada will not be counted at all.

Mother tongue refers to the first language learned in childhood and still understood. It does not necessarily indicate the language used by a given individual at the time of the census.

Ethnic origin refers to the ethnic or cultural groups to which the respondent or the respondent's ancestors belonged on first coming to this continent. It therefore differs from citizenship, nationality and birthplace. In the 1981 and 1986 censuses, a person could indicate more than one ethnic origin. The data reflect the respondent's perceptions which do not necessarily correspond to the general definitions used. There are some apparent anomalies in the 1981 data based on a misinterpretation of the ethnic origin question. This is evident when ethnic origin is cross classified by place of birth, mother tongue or religion. For example, some tabulations include a small number of Native Peoples with an Asian Indian mother tongue. Such anomalies affect less than 1% of the data.

The census is one of the most reliable sources of demographic data. Tests are conducted after each census to assess accuracy and reliability. Evaluations of the 1981 census data are published in *Data Quality – Total Population, (99-904)*, and *Data Quality – Sample Population, (99-905)*. These publications describe census methodology and contain measures of errors in coverage, response, processing and sampling. Similar publications have been produced for earlier censuses. All tables in this chapter with Census of Population as a source will not normally add to totals due to rounding methodology.

Detailed data from the census are issued in a large number of publications produced by Statistics Canada. In addition, both standard and special tabulations are available in computer printout, microfiche, microfilm and magnetic tape format. Maps and other geographic reference materials are available for some types of data. Aggregated data are also available on CANSIM. A number of reference documents identify what data are available and provide definitions of the terms used, and information on data comparability between censuses. These reference publications are: *Products and Services of the 1981 Census of Canada; 1981 Census Dictionary, (99-901); Summary Guide – Total Population, (99-902)*; and *Summary Guide – Sample Population, (99-903)*.

Enquiries about census data should be directed to the Census Operations Division of Statistics Canada, telephone Ottawa, 990-9534.

The Demography Division of Statistics Canada publishes annual population estimates by age, sex and marital status for June 1 of non-census years, with quarterly estimates available for some data items. Postcensal estimates are based on the population from the most recent census, adjusted for births, deaths, immigration, emigration, and net migration between provinces. After each census, revisions are made to the postcensal estimates. These intercensal estimates are, therefore, compatible with census data.

The Demography Division also produces quarterly and annual estimates of interprovincial migration and emigration. Interprovincial migration data are based on address changes recorded in the taxation files of Revenue Canada and the family allowance files of Health and Welfare Canada. Adjustments are made to account for the population not included in these files. These data are not comparable with census data on mobility because the migration estimates represent an annual count of migration, whereas the census shows the number of people moving at least once in a five-year period. Emigration estimates are also based on the tax and family allowance files supplemented by data provided by the United States and the United Kingdom on the number of immigrants they receive whose last country of residence was Canada. Estimates of both interprovincial migration and emigration are based on incomplete records and are, therefore, less reliable than data on other components of population change.

Data dealing with population estimates, emigration and interprovincial migration are available in Statistics Canada's catalogues, (series 91). Most of the data are available on CANSIM. For more detailed information, contact the Demography Division of Statistics Canada, telephone Ottawa, 990-9581.

In August 1982, Statistics Canada conducted a one-time-only sample survey on migration patterns of the working age population during the 1976 – 1982 period. Data on movers were collected by age, sex, number of moves made, occupation and labour force activity. Data obtained from this survey are not comparable with other sources because of differences in methodology, universe and time period. A summary report was published in the May 1983 issue of *The Labour Force, (71-001)*. Additional information can be obtained from the Household Surveys Division of Statistics Canada, telephone Ottawa, 990-9448.

The Demographics Unit in the Ministry of Treasury and Economics publishes the *Demographic Bulletin*, presenting population projections by age, sex and county for Ontario to the year 2006. Each component of population change, fertility, mortality and migration, is analyzed and projected according to the cohort-survival method. The bulletin describes five projection scenarios. Medium Fertility – Medium Migration is selected as the reference scenario. The other scenarios reflect alternative combinations of assumptions and provide reasonable projections based on plausible alternative fertility and migration levels. The Medium Fertility–Medium Migration assumption represents the reference scenario not only for the Province to 2006 but also for counties to the year 1991. It is important to note that the published reports are presented as statistical projections and while assumptions are made regarding socio-economic trends they are not to be construed as a reflection of government policy objectives. Further information on these projections can be obtained from the Demographics Unit, Sectoral and Regional Policy Branch, Ministry of Treasury and Economics, telephone Toronto, 965-7081.

Information on births, deaths and marriages is collected by the Registrar General Branch of the Ministry of Consumer and Commerical Relations and published annually in *Ontario Vital Statistics*. The data are also published by Statistics Canada and are available on CANSIM. Further information can be obtained from the Registrar General Branch, telephone Toronto, 965-2284, and from the Health Division of Statistics Canada, telephone Ottawa, 990-8553.

Employment and Immigration Canada compiles information on immigrants entering Canada, issued annually in *Immigration Statistics*. Data at the aggregate level are available on CANSIM. Further information can be obtained from the Policy and Program Development Branch, Employment and Immigration Canada, telephone Ottawa, 994-3495.

Data on the number of persons granted citizenship each year are collected by the Citizenship Registration Branch of the Secretary of State and published in *Canadian Citizenship Statistics*. Further information can be obtained from the Citizenship Registration Branch, telephone Ottawa, 994-2581.

Divorce data are recorded by the Central Divorce Registry of the Department of Justice Canada. Statistics on divorce are based on the number of decrees absolute granted. Information on divorces is published both by Statistics Canada in *Marriages and Divorces, (84-205)*, and the Registrar General Branch of the Ministry of Consumer and Commercial Relations in *Ontario Vital Statistics*. Enquiries should be directed to the Health Division of Statistics Canada, telephone Ottawa, 990-8553, or to the Registrar General Branch, telephone Toronto, 965-2284.

Data on assessed population are obtained from enumerations done by the Ontario Ministry of Revenue for municipal grant and election purposes. Since 1981, complete enumerations are conducted every three years, rather than annually. Population from this source is not directly comparable with the census due to the different universes and time periods involved. Indians on reservations and residents of correctional institutions and short-stay general hospitals are not included. Municipal enumerations do not refer to a specific date, but are conducted over a period of time. The data are accessible through the Municipal Analysis and Retrieval System (MARS) database of the Ministry of Municipal Affairs and are published in the *Municipal Directory*. Enquiries regarding these data should be directed to the Municipal Management Policy Branch, Ministry of Municipal Affairs, telephone Toronto, 585-7223.

Data on treatment services and caseload for alcohol and drug abuse were obtained from the Statistical Research Program of the Addiction Research Foundation. Enquiries regarding this information should be directed to the Addiction Research Foundation, telephone Toronto, 596-6000

A set of tables describing various socio-economic aspects of life among Francophones in Ontario is presented for the first time in the publication in Tables 3.67 to 3.79. Bill 8 (An Act to Provide for French Language Services in the Government of Ontario) identifies certain areas of Ontario for the purpose of provision of French language services. These areas are designated on the basis of Francophones accounting for either 5 percent or more of the population or 5,000 or more persons. Further information on Francophone Ontario can be obtained from the Office of Francophone Affairs (Office des Affaires Francophones), telephone Toronto, 965-3865.

Population

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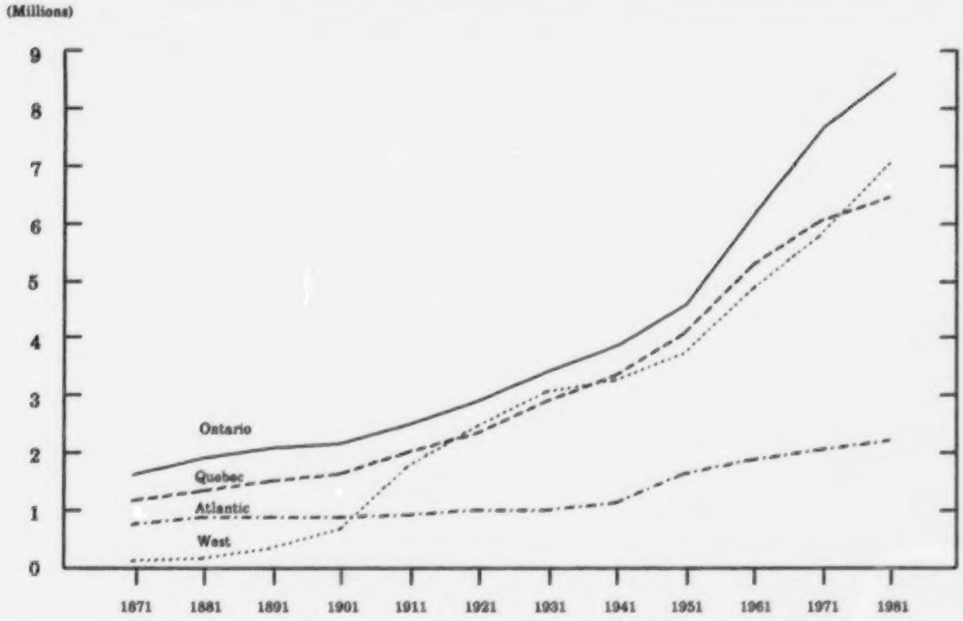
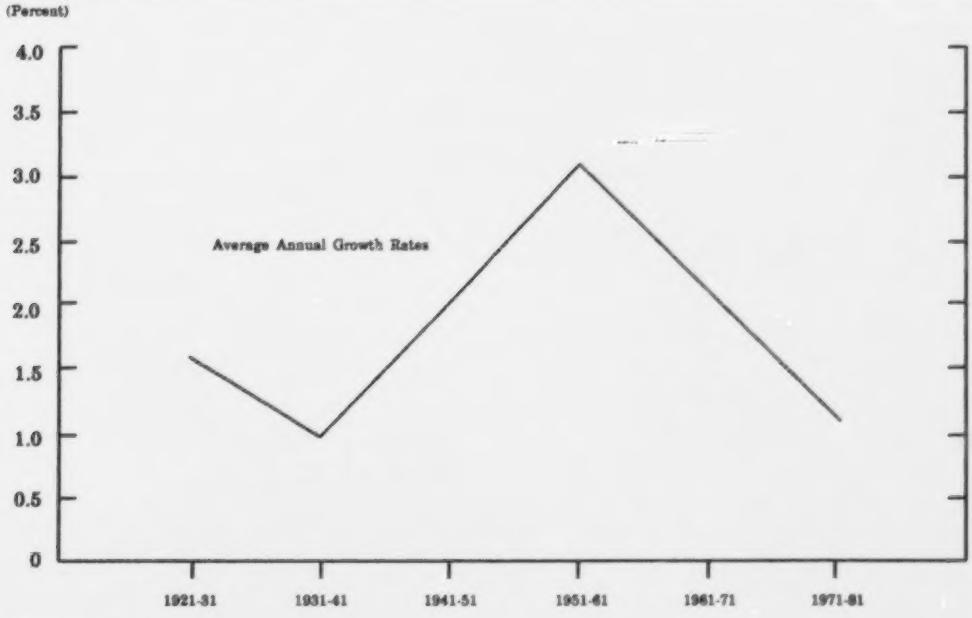
Chart 3.1 Population, Ontario and Other Regions of Canada, Census Years, 1871 to 1981



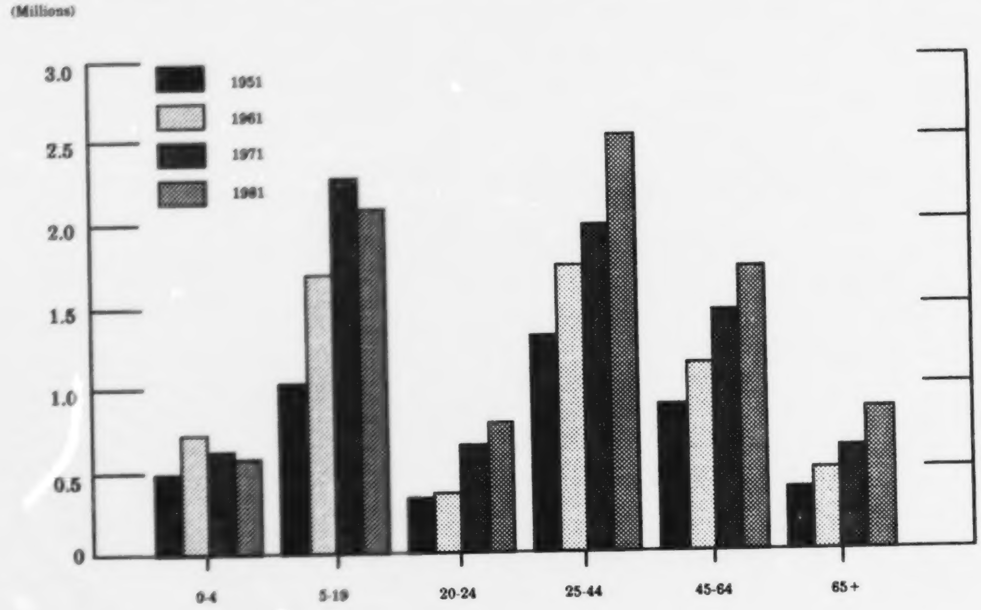
Refer to Table 3.1

Chart 3.2 Population Growth in Ontario, Selected Intervals, 1921 to 1981



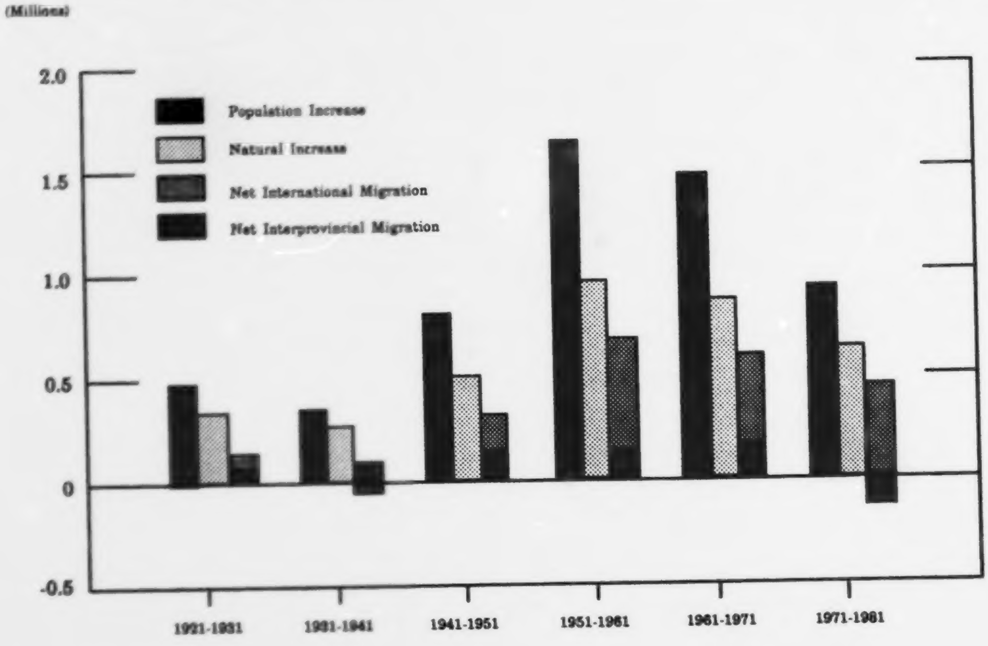
Refer to Table 3.2

Chart 3.3 Population by Age Groups, Ontario, Census Years, 1951 to 1981



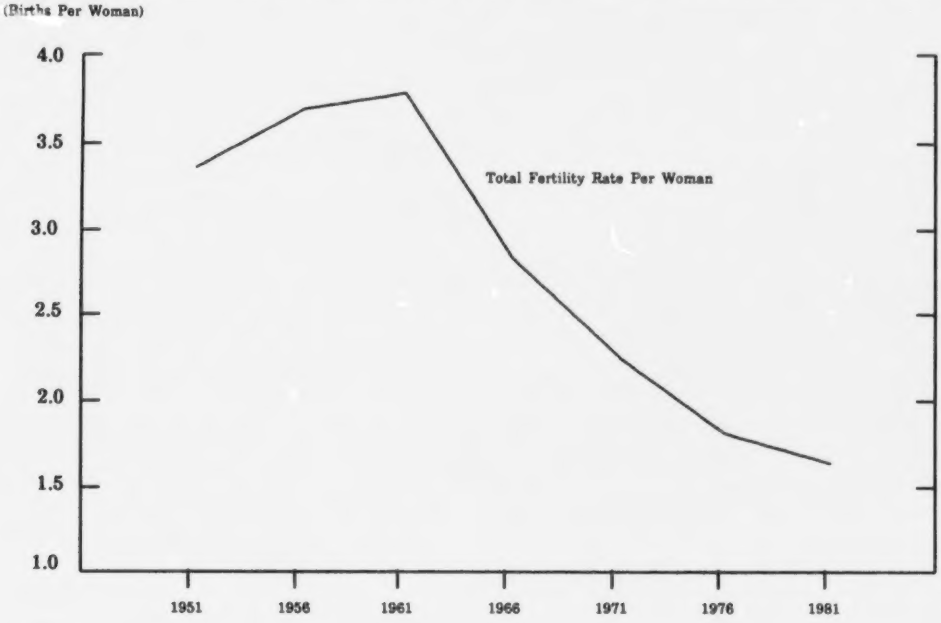
Refer to Table 3.6

Chart 3.4 Components of Population Change, Ontario, Ten Year Intervals, 1921 to 1981



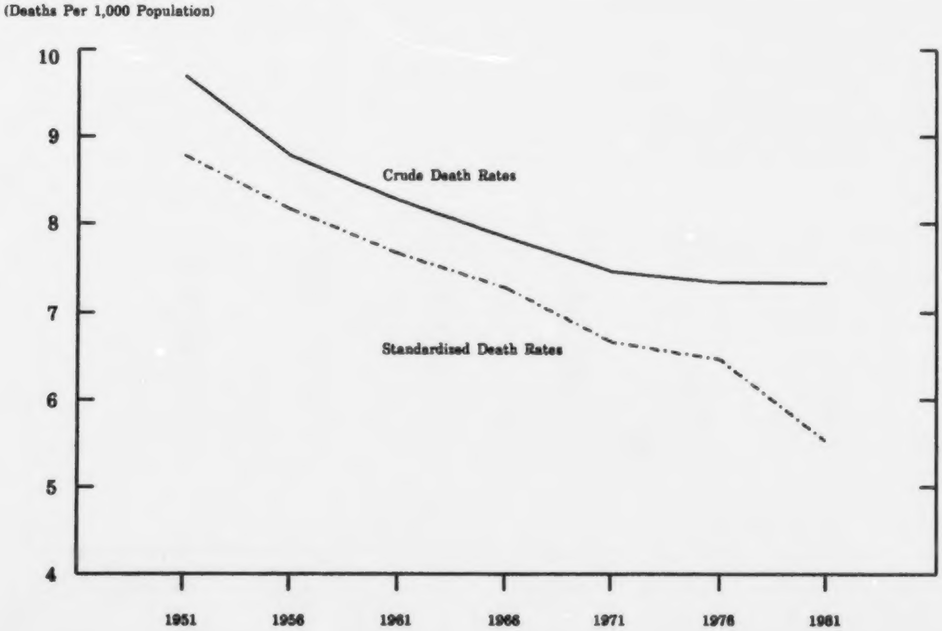
Refer to Table 3.24

Chart 3.5 Total Fertility Rate, Ontario, Census Years, 1951 to 1981



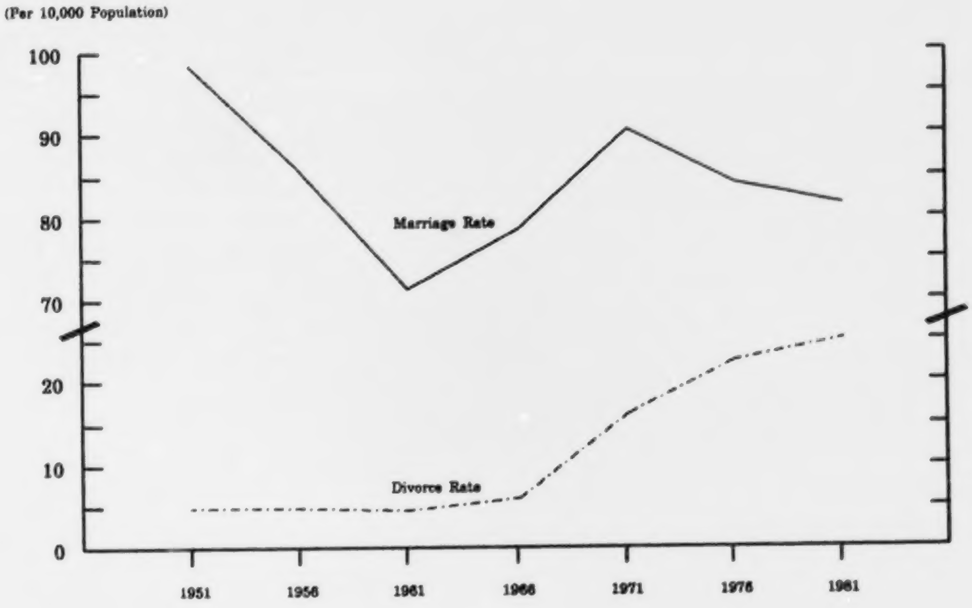
Refer to Table 3.28

Chart 3.6 Crude and Standardized Death Rates, Ontario, Census Years, 1951 to 1981



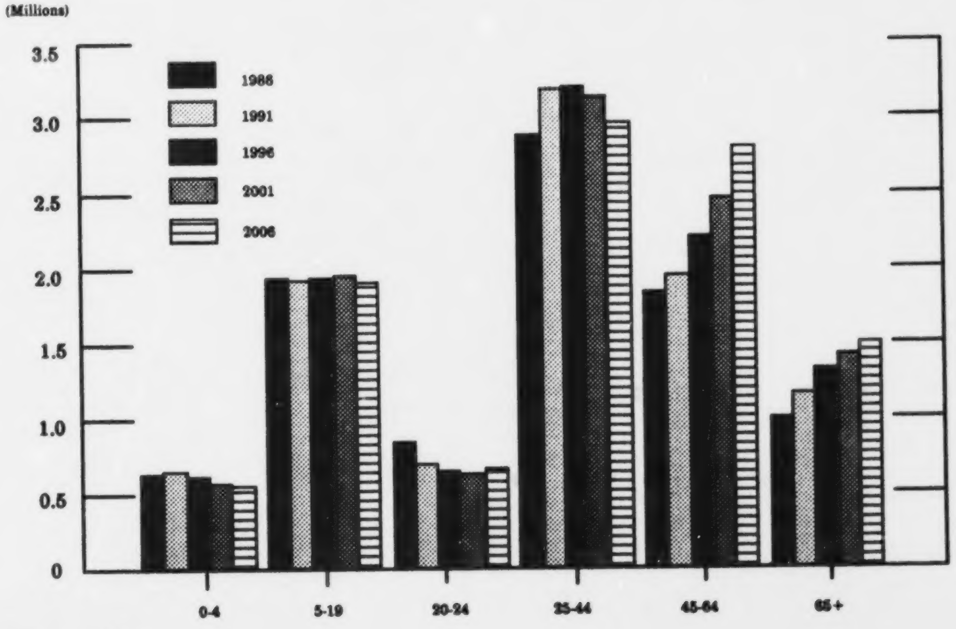
Refer to Tables 3.31 and 3.32

Chart 3.7 Marriage and Divorce Rates, Ontario, Census Years, 1951 to 1981



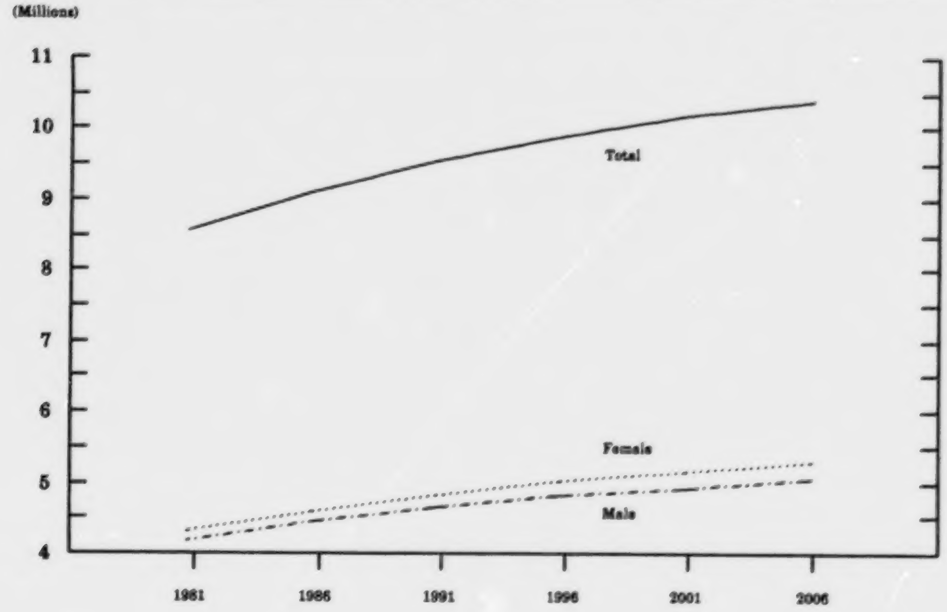
Refer to Table 3.59

Chart 3.8 Population Projections by Age Groups, Ontario, 1986 to 2006



Refer to Table 3.9

Chart 3.9 Population Projections, Ontario, 1981 to 2006



Refer to Tables 3.9, 3.10 and 3.11

Table 3.1 **Population, Ontario and Other Regions of Canada, Selected Years, 1867 to 1985**

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1985^{p}	9,064.2	2,307.5	6,582.7	7,405.3	25,359.8	35.7
1984	8,942.4	2,290.9	6,544.9	7,345.9	25,124.1	35.6
1983^{r}	8,825.2	2,269.5	6,510.1	7,279.7	24,884.5	35.5
1982^{r}	8,716.1	2,241.8	6,479.8	7,194.1	24,631.8	35.4
1981^{r}	8,624.7	2,234.0	6,438.2	7,044.9	24,341.7	35.4
1980	8,569.7	2,228.9	6,386.1	6,857.9	24,042.5	35.6
1979	8,501.3	2,219.2	6,338.9	6,687.8	23,747.3	35.8
1978	8,439.6	2,208.1	6,302.4	6,567.0	23,517.0	35.9
1977	8,353.1	2,196.6	6,284.0	6,439.0	23,272.8	35.9
1976	8,264.5	2,181.7	6,234.4	6,311.8	22,992.6	35.9
1975	8,172.2	2,150.9	6,179.0	6,195.0	22,697.1	36.0
1974	8,054.1	2,121.8	6,122.7	6,065.4	22,363.9	36.0
1973	7,908.8	2,102.6	6,078.9	5,952.5	22,043.0	35.9
1972	7,809.9	2,077.3	6,053.6	5,860.7	21,801.3	35.8
1971	7,703.1	2,057.3	6,027.8	5,780.1	21,568.3	35.7
1966	6,960.9	1,974.7	5,780.8	5,298.5	20,014.9	34.8
1961	6,236.1	1,897.4	5,259.2	4,845.6	18,238.2	34.2
1956	5,404.9	1,763.7	4,628.4	4,283.8	16,080.8	33.6
1951	4,597.5	1,618.1	4,055.7	3,738.0	14,009.4	32.8
1941	3,787.7	1,130.4	3,331.9	3,256.7	11,506.7	32.9
1931	3,431.7	1,009.1	2,874.7	3,061.3	10,376.8	33.1
1921	2,933.7	1,000.3	2,360.5	2,493.0	8,787.9	33.4
1911	2,527.3	938.0	2,005.8	1,735.6	7,206.6	35.1
1901	2,183.0	894.0	1,648.9	645.5	5,371.3	40.6
1891	2,114.3	880.7	1,488.5	349.6	4,833.2	43.7
1881	1,926.9	870.7	1,359.0	168.2	4,324.8	44.6
1871	1,621.0	768.0	1,191.0	109.0	3,689.0	43.9
1867	1,525.0	723.0	1,123.0	92.0	3,463.0	44.0

Sources: Statistics Canada, *Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).*
Census of Canada.
Historical Statistics of Canada, Second Edition.
Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada and the Provinces, June 1, 1982, (91-210).
Demography Division, *Updated Postcensal Estimates of Population by Age and Sex, for Canada, Provinces and Territories, June 1, 1985.*
Final Postcensal Estimates of Population by Sex and Age, Canada, Provinces and Territories, June 1, 1983 and 1984.

Table 3.2 Average Annual Growth Rates, Ontario and Other Regions of Canada, Selected Years, 1921 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada
			percent		
1984 – 1985[p]	1.4	0.7	0.6	0.8	0.9
1983 – 1984	1.3	0.9	0.5	0.9	1.0
1982 – 1983[r]	1.3	1.2	0.5	1.2	1.0
1981 – 1982[r]	1.1	0.3	0.6	2.1	1.2
1980 – 1981[r]	0.6	0.2	0.8	2.7	1.2
1979 – 1980	0.8	0.4	0.7	2.5	1.2
1978 – 1979	0.7	0.5	0.6	1.8	1.0
1977 – 1978	1.0	0.5	0.3	2.0	1.0
1976 – 1977	1.1	0.7	0.8	2.0	1.2
1976 – 1981	0.9	0.5	0.6	2.2	1.1
1971 – 1976	1.4	1.2	0.7	1.8	1.3
1966 – 1971	2.0	0.8	0.8	1.8	1.5
1961 – 1966	2.2	0.8	1.9	1.8	1.9
1956 – 1961	2.9	1.5	2.6	2.5	2.5
1951 – 1956	3.3	1.7	2.7	2.8	2.8
1941 – 1951	2.0	3.7	2.0	1.4	2.0
1931 – 1941	1.0	1.1	1.5	0.6	1.0
1921 – 1931	1.6	0.1	2.0	2.1	1.7

Source: Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Note: Rates were calculated based on population data in Table 3.1.

Table 3.3 Male Population, Ontario and Other Regions of Canada, Selected Years, 1881 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1985^p	4,456.5	1,146.8	3,236.7	3,703.5	12,543.4	35.5
1984	4,397.8	1,139.1	3,218.9	3,677.6	12,433.5	35.4
1983^r	4,341.9	1,128.8	3,203.0	3,648.9	12,322.5	35.2
1982^r	4,289.4	1,114.7	3,189.9	3,610.5	12,204.6	35.1
1981	4,246.8	1,112.2	3,172.2	3,537.1	12,068.3	35.2
1980	4,225.2	1,111.7	3,149.1	3,443.3	11,929.3	35.4
1979	4,197.2	1,109.0	3,128.5	3,358.4	11,793.1	35.6
1978	4,172.4	1,105.4	3,113.1	3,298.5	11,689.2	35.7
1977	4,135.2	1,101.7	3,106.5	3,235.0	11,578.3	35.7
1976	4,096.9	1,096.2	3,084.6	3,171.8	11,449.5	35.8
1971	3,840.9	1,038.2	2,994.6	2,921.7	10,795.4	35.6
1966	3,479.2	997.8	2,886.0	2,691.5	10,054.3	34.6
1961	3,134.5	965.0	2,631.9	2,487.5	9,218.9	34.0
1956	2,721.5	897.2	2,317.7	2,215.5	8,151.9	33.4
1951	2,314.2	819.5	2,022.1	1,933.0	7,088.9	32.6
1941	1,921.2	579.4	1,673.0	1,727.0	5,900.5	32.6
1931	1,748.8	517.1	1,447.3	1,661.3	5,374.5	32.5
1921	1,481.9	508.7	1,179.7	1,358.9	4,529.6	32.7
1911	1,301.3	478.0	1,012.8	1,030.0	3,822.0	34.0
1901	1,096.6	454.2	824.5	376.4	2,751.7	39.9
1891	1,069.5	445.7	744.1	201.1	2,460.5	43.5
1881	978.6	439.4	678.2	92.7	2,188.9	44.7

Sources: Statistics Canada, *Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada and the Provinces, June 1, 1982, (91-210).*
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.
Demography Divison, *Updated Postcensal Estimates of Population by Age and Sex, for Canada, Provinces and Territories, June 1, 1985.*
Final Postcensal Estimates of Population by Sex and Age, Canada, Provinces and Territories, June 1, 1983 and 1984.

Table 3.4 Female Population, Ontario and Other Regions of Canada, Selected Years, 1881 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1985^p	4,607.7	1,160.9	3,346.0	3,701.7	12,816.4	36.0
1984	4,544.6	1,151.7	3,326.0	3,668.2	12,690.6	35.8
1983^r	4,483.3	1,140.7	3,307.1	3,630.8	12,562.0	35.7
1982^r	4,426.7	1,127.2	3,289.8	3,583.7	12,427.2	35.6
1981	4,378.3	1,121.8	3,266.2	3,508.5	12,274.9	35.7
1980	4,344.4	1,117.2	3,237.0	3,414.6	12,113.2	35.9
1979	4,304.1	1,110.3	3,210.5	3,329.3	11,954.2	36.0
1978	4,267.2	1,102.8	3,189.4	3,268.6	11,827.8	36.1
1977	4,217.9	1,095.0	3,177.4	3,204.2	11,694.4	36.1
1976	4.167.6	1,085.5	3,149.8	3,140.1	11,543.1	36.1
1971	3,862.2	1,019.0	3,033.2	2,858.5	10,772.9	35.9
1966	3,481.7	977.0	2,895.0	2,606.9	9,960.5	35.0
1961	3,101.6	932.5	2,627.4	2,358.0	9,019.4	34.4
1956	2,683.4	866.5	2,310.7	2,068.3	7,928.9	33.8
1951	2,283.4	798.6	2,033.6	1,805.0	6,920.6	33.0
1941	1,866.5	551.0	1,658.9	1,529.7	5,606.1	33.3
1931	1,682.8	492.0	1,427.3	1,400.1	5,002.2	33.6
1921	1,451.8	491.6	1,180.9	1,134.1	4,258.3	34.1
1911	1,226.0	460.0	993.0	705.7	3,384.6	36.2
1901	1,086.3	439.7	824.4	269.1	2,619.6	41.5
1891	1,044.8	435.0	744.4	148.5	2,372.8	44.0
1881	948.4	431.3	680.9	75.4	2,136.0	44.4

Sources: Statistics Canada, *Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada and the Provinces, June 1, 1982, (91-210).*
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.
Demography Divison, *Updated Postcensal Estimates of Population by Age and Sex, for Canada, Provinces and Territories, June 1, 1985.*
Final Postcensal Estimates of Population by Sex and Age, Canada, Provinces and Territories, June 1, 1983 and 1984.

Table 3.5 Males per 100 Females, Ontario and Other Regions of Canada, Selected Years, 1921 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada
			number		
1985[p]	97	99	97	100	98
1984	97	99	97	100	98
1983[r]	97	99	97	100	98
1982[r]	97	99	97	101	98
1981	97	99	97	101	98
1980	97	100	97	101	98
1979	98	100	97	101	99
1978	98	100	98	101	99
1977	98	101	98	101	99
1976	98	101	98	101	99
1971	99	102	99	102	100
1966	100	102	100	103	101
1961	101	103	100	105	102
1956	101	104	100	107	103
1951	101	103	99	107	102
1941	103	105	101	113	105
1931	104	105	101	119	107
1921	102	103	100	120	106

Source: Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Note: Calculated based on population data in Tables 3.3 and 3.4.

Table 3.6 Population by Five-Year Age Groups, Ontario, Selected Years, 1921 to 1985

Year	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34
				'000's			
1985[p]	633.4	604.4	644.8	702.5	847.5	799.9	747.6
1984	620.2	604.2	654.2	724.9	839.4	781.2	729.8
1983[r]	609.0	603.8	663.6	755.0	821.3	764.5	718.3
1982[r]	598.5	609.2	669.5	785.3	801.7	748.3	714.8
1981	593.0	617.3	676.3	808.9	789.7	734.8	721.5
1980	596.2	632.6	688.6	825.6	781.4	732.3	702.8
1979	600.7	643.1	711.9	826.1	776.6	721.1	680.7
1978	602.6	653.8	745.5	821.8	770.8	715.6	658.8
1977	604.1	658.5	777.3	814.1	759.4	711.5	629.0
1976	607.2	667.8	798.8	808.0	744.4	715.8	586.4
1975	624.2	675.4	816.8	787.2	727.9	696.3	566.4
1974	630.6	693.0	817.2	772.5	704.6	670.4	543.3
1973	630.5	722.4	808.7	751.7	680.0	638.7	515.7
1972	632.0	758.0	798.2	733.6	672.0	609.5	494.7
1971	637.3	783.5	787.7	713.4	674.1	567.3	478.1
1966	745.7	770.1	688.3	599.2	485.1	433.9	447.2
1961	740.2	674.5	593.0	436.9	387.0	422.7	459.8
1956	628.8	563.7	425.9	346.8	365.2	417.4	438.7
1951	514.7	399.3	325.3	315.7	352.4	387.2	351.0
1941	297.9	301.5	324.8	339.1	324.0	315.7	286.5
1931	307.7	333.0	318.3	319.0	291.3	264.8	252.2
1921	301.8	307.9	275.8	254.9	239.9	238.5	224.4

Table 3.6 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50 – 54	55 – 59	60 – 64	65 – 69
				'000's			
1985^{p}	712.5	564.8	483.5	466.7	458.9	428.0	318.7
1984	684.6	546.5	476.1	469.9	456.4	418.8	309.2
1983^{r}	656.8	526.9	468.0	471.2	455.8	397.8	309.6
1982^{r}	624.9	506.2	466.8	470.8	451.7	376.1	309.9
1981	581.2	491.9	468.0	468.9	448.8	356.5	305.5
1980	562.5	483.3	470.8	466.5	443.0	339.9	299.9
1979	545.9	476.8	474.3	463.9	433.6	330.0	289.4
1978	526.9	471.6	475.3	464.7	413.5	329.8	280.3
1977	504.7	472.8	473.2	464.0	391.0	329.0	271.5
1976	490.0	474.5	471.9	465.0	369.4	326.3	260.9
1975	482.1	476.1	472.6	457.3	353.3	321.2	251.3
1974	474.5	478.0	472.0	446.6	344.8	309.8	245.3
1973	466.4	475.7	472.2	424.8	344.6	299.5	238.7
1972	466.8	475.3	470.4	402.6	345.5	290.1	233.2
1971	468.5	474.1	469.8	381.1	343.6	280.0	227.8
1966	472.6	469.4	391.0	353.4	293.3	244.1	199.2
1961	469.3	397.3	360.7	310.0	258.3	218.5	180.1
1956	390.8	361.1	312.2	269.3	236.5	194.1	167.4
1951	340.8	302.3	268.1	247.5	210.3	182.5	155.1
1941	268.4	250.3	232.6	214.1	181.7	149.6	116.3
1931	246.7	228.6	206.2	177.7	137.1	115.0	92.7
1921	219.5	187.1	161.1	141.2	112.4	96.9	69.8

Table 3.6 (cont'd.)

Year	70 – 74	75 – 79	80 – 84	85 – 89	90 +	Total
			'000's			
1985p	266.9	184.6	114.4	57.3	27.7	9,064.2
1984	257.2	178.6	109.9	54.9	26.3	8,942.4
1983r	248.1	172.2	105.4	52.9	25.0	8,825.2
1982r	239.0	166.6	101.2	51.4	24.2	8,716.1
1981	231.0	161.0	98.0	49.4	23.3	8,625.1
1980	223.2	156.2	94.8	47.1	22.7	8,569.7
1979	216.6	151.5	91.4	45.5	22.0	8,501.3
1978	209.5	146.3	88.0	44.2	20.7	8,439.6
1977	203.1	141.2	85.6	43.0	20.1	8,353.1
1976	197.3	137.0	83.0	41.5	19.3	8,264.5
1975	192.5	132.5	80.8	40.6	17.8	8,172.2
1974	187.3	128.5	79.3	39.6	16.8	8,054.1
1973	181.4	125.8	78.1	38.3	15.8	7,928.8
1972	175.8	123.7	76.3	37.3	14.9	7,829.9
1971	171.5	121.0	74.4	35.9	13.9	7,703.1
1966	159.0	108.5	63.2	27.9	9.8	6,960.9
1961	146.3	97.7	53.5	22.6	7.9	6,236.1
1956	134.2	83.2	44.4	18.8	6.4	5,404.9
1951	115.9	70.4	38.0	15.8	5.1	4,597.5
1941	85.9	55.2	29.6	11.0	3.2	3,787.7
1931	71.6	40.0	19.8	7.7	2.4	3,431.7
1921	48.0	29.6	16.1	6.6	2.1	2,933.7

Sources: Statistics Canada, *Postcensal Annual Estimates of the Population by Marital Status, Age, Sex and Components of Growth for Canada and the Provinces, June 1, 1982, (91-210).*

Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).

Census of Canada.

Demography Divison, *Updated Postcensal Estimates of Population by Age and Sex, for Canada, Provinces and Territories, June 1, 1985.*

Final Postcensal Estimates of Population by Sex and Age, Canada, Provinces and Territories, June 1, 1983 and 1984.

Table 3.7 Male Population by Five-Year Age Groups, Ontario, Selected Years, 1921 to 1985

Year	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34
				'000's			
1985[p]	324.0	309.3	331.6	360.1	428.6	394.7	365.9
1984	317.4	309.4	336.4	371.3	423.1	384.0	357.8
1983[r]	311.9	309.3	341.0	386.9	412.1	374.6	352.9
1982[r]	306.3	312.6	343.7	402.4	400.0	365.6	352.5
1981	303.7	317.3	346.7	413.4	392.7	358.8	357.1
1980	305.3	325.2	353.3	420.9	389.0	358.4	349.3
1979	307.8	330.5	365.0	420.8	386.1	354.2	339.8
1978	308.8	335.9	382.3	418.7	382.2	352.8	330.0
1977	309.8	337.9	398.5	415.4	375.9	352.6	316.1
1976	311.7	342.0	409.3	412.7	368.3	356.4	295.7
1975	320.4	345.9	418.5	400.8	360.8	347.5	285.9
1974	323.5	354.9	418.8	392.5	350.2	335.0	274.8
1973	323.5	370.0	414.8	381.5	338.4	319.5	260.4
1972	323.9	388.7	409.0	372.3	334.7	304.8	250.7
1971	326.2	401.2	403.7	362.1	334.9	286.7	242.0
1966	382.5	393.4	351.9	304.7	240.7	215.4	226.6
1961	379.2	345.3	304.0	223.1	190.4	213.6	233.8
1956	320.7	287.4	217.8	176.0	182.4	212.0	216.9
1951	263.5	204.6	165.7	160.2	176.9	190.3	173.7
1941	151.5	152.9	164.6	172.1	163.6	159.9	145.6
1931	156.1	168.8	161.6	163.4	147.7	135.9	128.8
1921	153.2	155.6	139.4	128.1	116.3	118.1	113.3

Table 3.7 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50 – 54	55 – 59	60 – 64	65 – 69
				'000's			
1985[p]	353.7	283.1	242.5	234.4	225.6	200.9	146.3
1984	340.9	273.9	239.1	236.4	223.0	197.0	141.9
1983[r]	328.0	264.2	235.6	237.4	221.1	187.5	142.6
1982[r]	312.9	254.0	235.4	236.9	218.2	177.8	142.7
1981	291.5	247.2	236.5	235.5	215.8	168.8	141.1
1980	282.5	243.4	238.7	232.9	212.8	161.2	138.8
1979	274.3	240.7	241.0	230.2	208.5	156.7	134.5
1978	265.2	238.6	241.8	229.0	199.0	157.5	130.1
1977	254.3	239.5	240.4	227.6	188.8	157.8	125.9
1976	247.3	240.8	239.0	227.1	179.0	157.5	120.5
1975	243.7	242.6	238.0	223.5	172.0	155.2	116.0
1974	240.2	244.4	236.4	218.9	168.6	150.3	112.9
1973	236.7	243.6	235.2	208.9	169.6	145.5	110.1
1972	237.6	243.2	233.4	198.7	170.8	141.0	108.0
1971	239.3	242.0	232.6	188.8	170.4	136.1	106.1
1966	239.6	233.0	195.5	179.0	147.1	119.6	93.1
1961	232.8	200.0	183.9	157.8	131.0	107.8	85.9
1956	195.8	185.1	161.1	138.8	119.4	95.4	81.4
1951	172.7	154.9	138.5	126.2	105.5	91.3	77.3
1941	139.1	128.3	119.4	110.0	94.0	75.3	57.7
1931	126.7	118.0	108.1	91.6	70.3	57.8	46.2
1921	113.5	96.3	83.4	72.1	57.2	49.2	35.8

Table 3.7 (cont'd.)

Year	70 – 74	75 – 79	80 – 84	85 – 89	90 +	Total
			'000's			
1985p	117.3	74.0	40.7	16.9	6.8	4,456.5
1984	113.3	71.0	39.3	16.2	6.5	4,397.8
1983r	108.8	68.4	37.6	15.7	6.3	4,341.9
1982r	104.6	66.5	35.7	15.3	6.3	4,289.4
1981	100.7	64.7	34.1	15.0	6.2	4,246.8
1980	97.0	62.9	33.1	14.5	6.2	4,225.2
1979	93.7	61.2	31.8	14.3	6.2	4,197.2
1978	90.7	58.9	30.8	14.0	6.0	4,172.4
1977	88.3	56.5	30.2	13.7	6.0	4,135.2
1976	86.4	54.4	29.7	13.5	5.9	4,096.9
1975	84.4	52.4	29.2	13.5	5.5	4,055.9
1974	82.3	50.6	29.2	13.3	5.2	4,001.9
1973	79.6	49.8	29.1	13.2	5.0	3,934.3
1972	76.7	49.4	28.7	13.2	4.7	3,889.6
1971	74.4	48.9	28.3	13.0	4.4	3,840.9
1966	70.4	46.6	26.0	10.7	3.3	3,479.1
1961	66.9	44.2	22.9	9.1	2.9	3,134.5
1956	63.4	38.4	19.4	7.9	2.3	2,721.5
1951	54.9	32.8	16.7	6.5	1.9	2,314.2
1941	41.4	25.9	13.6	4.9	1.3	1,921.2
1931	35.4	19.7	9.3	3.4	1.0	1,748.8
1921	24.1	14.5	7.7	3.1	0.9	1,481.9

Sources: Statistics Canada, *Postcensal Annual Estimates of the Population by Marital Status, Age, Sex and Components of Growth for Canada and the Provinces, June 1, 1982, (91-210).*
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.
Demography Divison, *Updated Postcensal Estimates of Population by Age and Sex, for Canada, Provinces and Territories, June 1, 1985.*
Final Postcensal Estimates of Population by Sex and Age, Canada, Provinces and Territories, June 1, 1983 and 1984.

Table 3.8 Female Population by Five-Year Age Groups, Ontario, Selected Years, 1921 to 1985

Year	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34
				'000's			
1985^{p}	309.4	295.1	313.2	342.5	418.9	405.2	381.8
1984	302.8	294.8	317.9	353.6	416.3	397.2	372.0
1983^{r}	297.1	294.5	322.6	368.1	409.3	389.8	365.3
1982^{r}	292.2	296.7	325.7	382.9	401.7	382.8	362.3
1981	289.3	300.0	329.7	395.5	397.0	376.0	364.4
1980	290.9	307.4	335.4	404.7	392.5	373.9	353.5
1979	292.9	312.7	346.9	405.3	390.5	367.0	340.9
1978	293.8	317.8	363.2	403.0	388.6	362.8	328.8
1977	294.3	320.6	378.8	398.7	383.5	358.9	312.8
1976	295.5	325.9	389.5	395.3	376.1	359.5	290.8
1975	303.8	329.5	398.4	386.4	367.0	348.8	280.6
1974	307.1	338.1	398.3	380.0	354.4	335.4	268.5
1973	307.1	352.4	394.0	370.1	341.7	319.2	255.3
1972	308.1	369.3	389.1	361.4	337.3	304.7	243.9
1971	311.0	382.4	384.0	351.2	339.3	280.7	236.1
1966	363.2	376.6	336.4	294.5	244.4	218.4	220.6
1961	361.0	329.2	289.1	213.8	196.6	209.1	226.0
1956	308.1	276.3	208.1	170.8	182.8	205.4	221.9
1951	251.2	194.7	159.6	155.5	175.4	197.0	177.3
1941	146.4	148.6	160.2	166.9	160.4	155.8	140.9
1931	151.6	164.2	156.7	155.6	143.5	128.8	123.4
1921	148.6	152.2	136.3	126.8	123.6	120.4	111.0

Table 3.8 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50 – 54	55 – 59	60 – 64	65 – 69
				'000's			
1985^{p}	358.8	281.7	241.0	232.3	233.4	227.0	172.4
1984	343.7	272.6	237.0	233.5	233.4	221.8	167.3
1983^{r}	328.9	262.8	232.4	233.8	234.7	210.3	167.0
1982^{r}	312.1	252.2	231.4	233.8	233.5	198.3	167.2
1981	289.7	244.7	231.5	233.4	233.1	187.7	164.4
1980	280.1	239.9	232.1	233.7	230.2	178.8	161.1
1979	271.6	236.2	233.3	233.7	225.1	173.3	154.9
1978	261.7	233.1	233.4	235.7	214.5	172.3	150.2
1977	250.4	233.3	232.9	236.4	202.2	171.2	145.6
1976	242.7	233.8	233.0	237.9	190.4	168.8	140.4
1975	238.3	233.5	234.6	233.8	181.4	166.0	135.2
1974	234.4	233.7	235.6	227.7	176.2	159.5	132.4
1973	229.7	232.1	236.9	215.9	175.0	154.0	128.6
1972	229.2	232.1	237.0	203.9	174.7	149.0	125.2
1971	229.3	232.1	237.3	192.4	173.1	143.9	121.7
1966	233.0	236.4	195.5	174.4	146.2	124.5	106.1
1961	236.5	197.3	176.8	151.9	127.3	110.7	94.2
1956	195.0	176.0	151.1	130.5	117.1	98.8	86.0
1951	168.1	147.5	129.6	121.3	104.8	91.2	77.7
1941	129.3	122.0	113.2	104.1	87.7	74.4	58.6
1931	121.0	110.6	98.1	86.1	66.8	57.2	46.5
1921	106.0	90.8	77.7	69.1	55.2	47.7	34.0

Table 3.8 (cont'd.)

Year	70 – 74	75 – 79	80 – 84	85 – 89	90 +	Total
			'000's			
1985^p	149.6	110.6	73.7	40.4	20.9	4,607.7
1984	144.0	107.5	70.6	38.8	19.8	4,544.6
1983^r	139.3	103.8	67.8	37.3	18.7	4,483.3
1982^r	134.4	100.1	65.4	36.1	17.9	4,426.7
1981	130.3	96.3	63.9	34.4	17.1	4,378.3
1980	126.2	93.3	61.8	32.7	16.4	4,344.4
1979	122.9	90.2	59.6	31.2	15.9	4,304.1
1978	118.7	87.4	57.2	30.2	14.7	4,267.2
1977	114.8	84.7	55.4	29.2	14.1	4,217.9
1976	110.9	82.7	53.3	28.0	13.4	4,167.6
1975	108.1	80.0	51.6	27.1	12.3	4,116.4
1974	104.9	77.9	50.1	26.3	11.6	4,052.2
1973	101.8	76.0	49.0	25.1	10.8	3,974.5
1972	99.1	74.3	47.5	24.1	10.2	3,920.3
1971	97.1	72.1	46.1	23.0	9.5	3,862.2
1966	88.6	61.9	37.2	17.2	6.5	3,481.7
1961	79.4	53.5	30.6	13.6	4.9	3,101.6
1956	70.8	44.8	25.0	10.9	4.2	2,683.4
1951	61.0	37.6	21.3	9.3	3.2	2,283.4
1941	44.5	29.3	16.0	6.1	1.9	1,866.5
1931	36.2	20.3	10.5	4.3	1.4	1,682.9
1921	23.8	15.2	8.4	3.5	1.2	1,451.8

Sources: Statistics Canada, *Postcensal Annual Estimates of the Population by Marital Status, Age, Sex and Components of Growth for Canada and the Provinces, June 1, 1982, (91-210).*
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.
Demography Division, *Updated Postcensal Estimates of Population by Age and Sex, for Canada, Provinces and Territories, June 1, 1985.*
Final Postcensal Estimates of Population by Sex and Age, Canada, Provinces and Territories, June 1, 1983 and 1984.

Table 3.9 Population Projections by Five-Year Age Groups, Ontario, Selected Years, 1986 to 2006

Year	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34
				'000's			
2006	565.0	592.1	640.0	679.4	679.4	664.9	692.9
2001	583.1	629.9	669.7	665.0	647.5	680.6	743.1
1996	621.2	659.6	655.3	633.0	663.2	731.0	870.4
1991	651.3	645.2	623.3	648.8	713.9	858.9	838.2
1986	634.1	610.3	636.2	695.3	836.7	822.1	758.2

Table 3.9 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50 – 54	55 – 59	60 – 64
				'000's		
2006	748.2	873.2	834.1	745.9	695.5	533.9
2001	874.7	841.1	758.2	715.4	557.4	452.0
1996	842.6	764.5	727.5	572.9	472.0	432.2
1991	765.6	733.8	582.0	484.9	452.0	438.8
1986	733.4	585.5	491.3	463.6	458.6	431.4

Table 3.9 (cont'd.)

Year	65 – 69	70 – 74	75 – 79	80 – 84	85+	Total
			'000's			
2006	421.5	361.0	306.1	226.6	194.7	10,454.3
2001	401.9	364.2	299.5	186.8	166.1	10,236.2
1996	407.0	357.5	247.9	168.3	137.1	9,963.2
1991	400.5	296.8	225.7	142.2	112.2	9,614.2
1986	332.6	271.9	191.3	119.3	90.5	9,162.5

Source: Ministry of Treasury and Economics, *Demographic Bulletin, Ontario Population Projections: 1984 – 2006, August, 1985.*

Table 3.10 Male Population Projections by Five-Year Age Groups, Ontario, Selected Years, 1986 to 2006

Year	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34
				'000's			
2006	288.9	302.6	327.1	346.8	344.8	336.5	351.4
2001	298.2	322.0	342.3	339.4	329.1	345.5	375.8
1996	317.7	337.2	334.9	323.7	338.2	370.1	439.1
1991	333.1	329.8	319.1	332.8	363.0	433.8	414.6
1986	324.3	312.5	326.8	355.7	424.5	406.9	370.4

Table 3.10 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50 – 54	55 – 59	60 – 64
				'000's		
2006	378.2	439.9	410.7	360.0	335.6	255.3
2001	441.1	415.6	368.8	349.7	271.8	216.1
1996	416.7	373.2	358.5	283.3	230.4	207.8
1991	374.1	363.0	290.3	240.3	222.3	211.3
1986	363.2	293.2	245.8	231.8	226.2	202.0

Table 3.10 (cont'd.)

Year	65 – 69	70 – 74	75 – 79	80 – 84	85+	Total
				'000's		
2006	195.2	161.9	129.3	83.2	58.0	5,105.6
2001	186.9	163.0	122.0	69.2	49.6	5,006.1
1996	189.2	154.8	101.8	62.8	40.3	4,879.6
1991	180.6	129.6	93.5	52.2	32.3	4,715.6
1986	151.5	120.1	78.1	42.8	25.8	4,501.7

Source: Ministry of Treasury and Economics, *Demographic Bulletin, Ontario Population Projections: 1984 – 2006, August, 1985*

Table 3.11 Female Population Projections by Five-Year Age Groups, Ontario, Selected Years, 1986 to 2006

Year	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34
				'000's			
2006	276.1	289.5	312.9	332.6	334.5	328.5	341.5
2001	284.9	307.9	327.4	325.5	318.4	335.1	367.3
1996	303.5	322.5	320.4	309.4	325.0	361.0	431.3
1991	318.2	315.4	304.2	316.0	351.0	425.1	423.5
1986	309.8	297.8	309.4	339.6	412.2	415.2	387.8

Table 3.11 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50 – 54	55 – 59	60 – 64
			'000's			
2006	370.0	433.2	423.3	385.9	359.9	278.6
2001	433.6	425.5	389.4	365.7	285.6	235.9
1996	425.9	391.3	369.0	289.6	241.5	224.4
1991	391.5	370.8	291.8	244.6	229.8	227.6
1986	370.2	292.3	245.5	231.9	232.4	229.4

Table 3.11 (cont'd.)

Year	65 – 69	70 – 74	75 – 79	80 – 84	85 +	Total
			'000's			
2006	226.3	199.1	176.8	143.3	136.7	5,348.6
2001	215.1	201.2	177.4	117.5	116.5	5,230.0
1996	217.8	202.7	146.1	105.5	96.8	5,083.6
1991	219.9	167.2	132.2	90.0	79.8	4,898.7
1986	181.1	151.8	113.2	76.4	64.7	4,660.8

Source: Ministry of Treasury and Economics, *Demographic Bulletin, Ontario Population Projections: 1984 – 2006*, August, 1985.

Table 3.12 Population by Sex and Special Age Groups, Ontario, Selected Years, 1921 to 1985

Year	0 – 5	0 – 17	6 – 14	14 – 19	18 – 20	18 +	21 – 24	Total
				'000's				
Males								
1985^{p}	386.6	1,174.6	578.3	431.5	234.8	3,281.9	344.0	4,456.5
1984	378.2	1,172.6	584.9	442.1	248.6	3,225.3	336.6	4,397.8
1983^{r}	372.2	1,179.8	590.2	455.2	255.4	3,162.1	326.0	4,341.9
1982^{r}	367.0	1,193.8	595.5	471.0	253.3	3,095.6	317.7	4,289.4
1981	365.4	1,213.5	602.3	484.0	250.4	3,033.3	309.9	4,246.8
1980	368.6	1,237.8	615.2	498.0	248.3	2,987.5	307.6	4,225.2
1979	369.2	1,257.1	634.1	503.0	246.8	2,940.1	306.2	4,197.2
1978	372.5	1,282.1	654.5	503.5	243.0	2,890.3	302.9	4,172.4
1977	375.4	1,300.3	670.8	500.9	239.6	2,835.0	297.6	4,135.2
1976	380.6	1,316.5	682.4	496.6	236.2	2,780.3	291.2	4,096.9
1971	399.4	1,355.9	731.7	440.1	203.5	2,485.0	268.8	3,840.9
1966	464.3	1,310.3	663.5	369.0	174.7	2,168.8	188.1	3,479.1
1961	450.8	1,169.8	577.7	277.6	120.7	1,964.8	151.5	3,134.5
1956	382.9	933.2	443.0	215.0	103.5	1,788.3	147.6	2,721.5
1951	306.7	728.7	327.1	191.9	99.1	1,585.5	143.1	2,314.2
1941	181.5	570.6	287.5	205.2	105.6	1,350.6	128.5	1,921.2
1931	189.0	584.9	297.5	194.7	95.0	1,163.9	117.5	1,748.8
1921	185.2	518.6	263.0	151.9	69.5	951.3	94.1	1,481.9

Table 3.12 (cont'd.)

Year	0 – 5	0 – 17	6 – 14	14 – 19	18 – 20	18+	21 – 24	Total
				'000's				
Females								
1985p	369.1	1,116.9	548.6	410.3	224.3	3,490.8	337.8	4,607.7
1984	360.7	1,114.7	554.8	420.7	237.2	3,429.8	333.5	4,544.6
1983r	354.5	1,120.6	559.6	433.2	244.2	3,362.7	326.7	4,483.3
1982r	350.2	1,134.2	564.4	448.0	244.3	3,292.5	320.7	4,426.7
1981	348.2	1,152.1	570.7	462.8	244.5	3,226.2	314.9	4,378.3
1980	350.9	1,175.2	582.8	477.6	243.8	3,169.3	312.0	4,344.4
1979	351.2	1,195.0	601.3	483.7	241.3	3,109.0	311.9	4,304.1
1978	353.7	1,219.3	621.1	483.3	236.7	3,047.9	310.5	4,267.2
1977	355.8	1,236.7	637.9	479.7	233.6	2,981.2	305.6	4,217.9
1976	361.4	1,251.4	649.5	475.6	231.9	2,916.2	298.9	4,167.6
1971	381.4	1,293.9	696.0	425.9	200.5	2,568.3	273.5	3,862.2
1966	441.3	1,250.6	634.9	356.2	173.6	2,231.1	190.9	3,481.7
1961	429.3	1,113.2	550.0	265.6	119.2	1,988.3	157.3	3,101.6
1956	368.1	895.9	424.5	208.1	102.2	1,787.5	148.0	2,683.4
1951	292.1	697.4	313.4	186.2	96.7	1,586.0	142.3	2,283.4
1941	175.6	553.9	279.7	198.6	102.6	1,312.6	126.2	1,866.5
1931	183.3	566.2	289.1	185.7	91.1	1,116.6	114.1	1,682.9
1921	179.5	510.6	257.7	150.5	76.0	937.8	94.2	1,451.8

Sources: Statistics Canada, *Postcensal Annual Estimates of the Population by Marital Status, Age, Sex, and Components of Growth for Canada and the Provinces, June 1, 1982, (91-210).*

Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).

Census of Canada.

Demography Divison, *Final Intercensal Estimates of the Population by Sex and Age, Canada and Provinces, June 1st, 1977 to 1981.*

Updated Postcensal Estimates of Population by Age and Sex, for Canada, Provinces and Territories, June 1, 1985.

Final Postcensal Estimates of Population by Sex and Age, Canada, Provinces and Territories, June 1, 1983 and 1984.

Table 3.13 Assessed Population by Age Group, Ontario, Selected Years, 1976 to 1985

Year	0 – 4	5 – 19	20 – 65	66+	Total
			'000's		
1985	517.6	1,879.6	5,540.3	942.3	8,879.7
1982	508.8	1,988.5	5,224.9	878.7	8,600.9
1981	415.0	1,988.2	5,171.7	874.5	8,449.4
1980	514.9	2,082.1	5,060.1	822.8	8,480.0
1979	514.2	2,115.9	4,957.7	796.1	8,383.9
1978	525.3	2,163.7	4,868.5	761.9	8,319.4
1977	529.0	2,195.2	4,807.5	742.6	8,274.4
1976	533.2	2,214.3	4,700.4	721.9	8,169.8

Source: Ministry of Municipal Affairs, Municipal Analysis and Retrieval System (MARS).

Notes:
1. Data are municipal enumerations taken in September for grant purposes in the following year.
2. Data for 1981 reflect a partial enumeration only and have no official status. Full enumerations are now conducted only in years of municipal elections.
3. 80 percent of population of unknown age has been distributed in the 20 – 65 age group. Remaining 20 percent has been distributed in 66+ age group.

Table 3.14 Median Age of Population by Sex, Ontario and Canada, Census Years, 1901 to 1981

	Ontario			Canada		
Year	Male	Female	Total	Male	Female	Total
1981	29.9	31.4	30.6	29.0	30.3	29.6
1976	27.9	29.2	28.6	27.2	28.4	27.8
1971	26.6	27.8	27.2	25.7	26.7	26.2
1966	26.5	27.9	27.2	25.0	26.0	25.5
1961	27.9	28.8	28.4	26.1	26.6	26.3
1956	29.2	29.8	29.5	27.2	27.3	27.2
1951	29.9	30.3	30.1	27.8	27.6	27.7
1941	29.9	29.8	29.9	27.5	26.6	27.0
1931	27.8	27.7	27.8	25.5	24.0	24.7
1921	27.0	26.6	26.8	24.8	23.2	23.9
1911	25.9	25.6	25.8	24.5	22.9	23.8
1901	24.1	24.1	24.1	22.9	22.4	22.7

Sources: Statistics Canada, *Census of Canada.*
Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Table 3.15 Age Dependency Ratios, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

	Dependency Ratios					
	Child		Aged		Total	
Year	International	Canada	International	Canada	International	Canada
1981						
Ontario	32.1	53.3	14.8	17.2	46.9	70.4
Atlantic	39.5	66.5	15.4	18.4	54.9	84.8
Quebec	31.2	52.3	12.7	14.8	43.9	67.1
West	34.5	56.1	14.9	17.3	49.4	73.4
Canada	33.2	55.0	14.3	16.6	47.5	71.6
Ontario						
1976	38.0	62.1	13.6	15.9	51.6	78.0
1971	45.5	70.6	13.3	15.6	58.8	86.2
1966	52.6	78.1	13.6	15.8	66.2	93.9
1961	54.0	74.5	13.7	15.5	67.6	89.9
1956	48.6	65.8	13.6	15.2	62.2	81.1
1951	41.9	58.9	13.5	15.2	55.4	74.0

Source: Statistics Canada, *Census of Canada.*

Note: In calculating international dependency ratios, the total population is divided into three broad age groups: children (ages 0 – 14), working age population (15 – 64) and senior citizens (65 and over). In Canada, it is conventional to define children as 0 – 19 years and working age as 20 – 64 years. The child dependency ratio is the ratio of children to working age population. The aged dependency ratio is the ratio of senior citizens to working age population. The total dependency ratio is the ratio of children plus senior citizens to the working age population.

Table 3.16 Population by Sex and Marital Status, Ontario, Census Years, 1921 to 1981

Year	Married	Separated	Widowed	Divorced	Never Married Under 15	Never Married 15+	Total Never Married	Total
					'000's			
Male								
1981	2,074.4	84.5	72.6	65.0	967.7	982.5	1,950.2	4,246.8
1976	1,950.9	68.6	68.3	41.8	1,063.0	904.3	1,967.3	4,096.9
1971	1,758.2	63.0	68.3	28.2	1,131.1	792.0	1,923.1	3,840.9
1966	1,605.6	. .	67.4	9.4	1,127.9	668.9	1,796.7	3,479.1
1961	1,472.8	. .	68.8	8.5	1,028.5	555.9	1,584.4	3,134.5
1956	1,304.4	. .	67.6	5.5	825.9	518.1	1,344.0	2,721.5
1951	1,124.4	. .	64.0	4.8	633.8	487.2	1,121.0	2,314.2
1941	865.3	. .	60.2	2.3	469.0	524.3	993.3	1,921.2
1931	732.3	. .	52.2	1.1	486.6	476.7	963.3	1,748.8
1921	608.2	. .	43.0	1.1	448.2	381.3	829.5	1,481.9
Female								
1981	2,068.4	109.5	363.8	102.9	919.0	814.7	1,733.7	4,378.3
1976	1,940.9	92.1	327.2	68.5	1,010.8	728.0	1,738.8	4,167.6
1971	1,743.5	81.1	289.9	41.9	1,077.4	628.4	1,705.8	3,862.2
1966	1,610.5	. .	258.7	16.3	1,076.2	520.0	1,596.2	3,481.7
1961	1,469.7	. .	223.0	13.2	979.3	416.4	1,395.7	3,101.6
1956	1,298.6	. .	201.1	9.1	792.5	382.1	1,174.6	2,683.4
1951	1,115.2	. .	177.1	7.7	605.5	377.9	983.5	2,283.4
1941	844.6	. .	142.7	2.9	455.2	421.0	876.2	1,866.5
1931	703.3	. .	118.9	1.0	472.4	387.2	859.6	1,682.8
1921	590.3	. .	99.4	1.4	437.2	323.5	760.7	1,451.8

Source: Statistics Canada, *Census of Canada.*

Notes: 1. Separated persons are included with Divorced in 1921 and with Married from 1931 to 1966.
2. From 1976 on, persons living common-law considered as married.

Table 3.17 Population by Mother Tongue and Sex, Ontario, 1981

	Male	Female	Total
		number	
Official Languages			
English	3,278,400	3,400,370	6,678,765
French	229,225	246,380	475,605
Total	3,507,625	3,646,750	7,154,375
Amerindian Languages	7,820	8,115	15,930
European Languages			
Bulgarian	775	575	1,350
Byelorussian	190	165	355
Celtic Languages	1,855	2,025	3,885
Czech	5,970	5,260	11,230
Danish	4,285	3,695	7,980
Estonian	4,930	5,340	10,265
Finnish	10,415	12,740	23,155
German	83,880	90,665	174,545
Greek	33,645	31,755	65,400
Hungarian-Magyar	23,700	22,420	46,120
Icelandic	150	215	360
Italian	175,610	163,370	338,980
Latvian	4,830	4,895	9,725
Lithuanian	4,755	4,545	9,300
Macedonian	5,280	5,235	10,515
Netherlandic Languages	43,195	41,950	85,155
Norwegian	975	930	1,900
Polish	36,360	37,400	73,765
Portuguese	57,280	57,000	114,280
Romanian	2,690	2,695	5,380
Russian	4,355	5,145	9,505
Slovak	6,145	6,050	12,195
Spanish	15,950	16,385	32,335
Swedish	1,790	1,975	3,765
Ukrainian	40,010	41,590	81,600
Yiddish	7,095	7,905	15,005
Yugoslavian	32,230	29,980	62,210
Total	608,345	601,905	1,210,260

Table 3.17 (cont'd.)

	Male	Female	Total
		number	
Asian & African Languages			
Arabic	14,740	11,930	26,670
Armenian	3,610	3,500	7,110
Bantu	115	90	205
Cambodian	405	365	770
Chinese	44,515	44,835	89,355
Hebrew	2,360	2,070	4,430
Indo-Pakistani			
Hindi	4,115	3,830	7,945
Punjabi	6,765	6,360	13,125
Tamil	585	500	1,080
Urdu	4,405	3,725	8,140
Indo-Pakistani n.o.s.	9,045	9,180	18,230
Total	24,915	23,595	48,520
Iranian	1,150	825	1,980
Japanese	3,405	3,850	7,260
Kam-Tai	1,285	1,250	2,530
Korean	5,115	5,745	10,860
Malayo-Polynesian Languages	900	865	1,760
Niger-Congo	480	295	775
Philippine	8,990	12,975	21,965
Swahili	185	135	315
Turkish	1,425	1,130	2,550
Vietnamese	5,215	3,980	9,195
Total	118,810	117,435	236,250
All Other Languages	4,200	4,100	8,300
Total	4,246,785	4,378,320	8,625,105

Source: Statistics Canada, *Census of Canada.*

Notes:
1. European Languages does not include English and French.
2. Celtic includes Gaelic, Welsh and Irish.
3. Yugoslavian includes Croatian, Serbian, Slovenian and Yugoslavian n.o.s.
4. Netherlandic includes Dutch, Flemish and Fristan.
5. Indo-Pakistani n.o.s. includes Bengali, Cingalese, Malayalam, Telugu and Indo-Pakistani n.o.s.
6. Philippine includes Philippino and Tagalog.
7. Arabic includes Arabic and Semitic Languages n.o.s.
8. Amerindian includes Cree, Ojibway, Algonkian, Athapaskan, Haida, Iroquoian, Kootenayan, Salishan, Siouan, Tlingit, Tsimshian, Wakashan and Inuktituk.

Table 3.18 Population by Birthplace, Ontario, 1981

	Population	% of Ontario Total
	#	
Born in Canada		
Ontario	5,643,705	66.1
Atlantic	287,120	3.4
Quebec	314,215	3.7
West	263,485	3.1
Total	6,508,515	76.3
Born Outside Canada		
North America (excluding Canada)		
United States	109,325	1.3
Other North America	25	--
Total	109,350	1.3
Europe		
Austria	16,535	0.2
Belgium	10,775	0.1
Czechoslovakia	23,005	0.3
Denmark	8,685	0.1
Finland	14,145	0.2
France	9,760	0.1
Germany, East	15,645	0.2
Germany, West	77,920	0.9
Greece	51,690	0.6
Hungary	36,845	0.4
Ireland	9,960	0.1
Italy	255,545	3.0
Malta	9,855	0.1
Netherlands	78,765	0.9
Poland	75,455	0.9
Portugal	95,610	1.1
Romania	11,480	0.1
Spain	4,480	0.1
Switzerland	5,700	0.1
United Kingdom	496,530	5.8
U.S.S.R.	62,890	0.7
Yugoslavia	65,250	0.8
Other Europe	7,485	0.1
Total	1,444,010	16.9
Asia		
China, Republic of	20,320	0.2
Hong Kong	26,235	0.3
India	50,855	0.6
Israel	6,030	0.1
Japan	4,270	0.1
Korea, North	5,390	0.1
Korea, South	6,405	0.1
Lebanon	10,045	0.1

Table 3.18 (cont'd.)

	Population	% of Ontario Total
	#	
Asia (cont'd.)		
Pakistan	9,095	0.1
Philippines	32,070	0.4
Taiwan	22,030	0.3
Turkey	4,255	0.1
Vietnam	17,660	0.2
Other Asia	28,250	0.3
Total	242,910	2.8
Caribbean & Guyana		
Barbados	9,430	0.1
Guyana	32,045	0.4
Jamaica	64,200	0.8
Trinidad & Tobago	26,390	0.3
Other Caribbean	11,260	0.1
Total	143,325	1.7
Africa		
Egypt	6,410	0.1
Kenya	4,465	0.1
South Africa, Republic of	9,050	0.1
Tanzania	5,855	0.1
Uganda	4,015	0.1
Other Africa	11,505	0.1
Total	41,300	0.5
South America (excluding Guyana)		
Argentina	3,965	0.1
Chile	4,485	0.1
Ecuador	5,165	0.1
Other South America	11,925	0.1
Total	25,540	0.3
Australasia		
Australia	5,585	0.1
Other Australasia	6,815	0.1
Total	12,400	0.1
Central America		
Mexico	4,600	0.1
Other Central America	2,320	--
Total	6,920	0.1
Total Born Outside Canada	2,025,755	23.7
Total	8,534,265	100.0

Source: Statistics Canada, *Census of Canada.*

Note: Data exclude persons living in institutions.

Table 3.19 Population by Ethnic Origin and Sex, Ontario, 1981

	Male	Female	Total
		number	
British			
English	1,356,225	1,460,990	2,817,215
Irish	268,430	265,650	534,075
Scottish	316,855	313,170	630,030
British n.o.s.	242,780	263,715	506,495
Total	2,184,290	2,303,525	4,487,815
Other European			
French	321,845	331,070	652,915
Albanian	520	370	885
Austrian	7,405	7,740	15,145
Belgian	9,090	8,820	17,910
Bulgarian	1,065	825	1,885
Byelorussian	335	295	630
Czech	5,265	4,570	9,835
Czechoslovakian	5,410	5,140	10,550
Danish	7,825	6,370	14,195
Dutch	97,970	93,155	191,125
Estonian	5,655	6,150	11,805
Finnish	15,585	17,815	33,400
German	186,060	187,345	373,410
Greek	44,285	41,675	85,960
Hungarian-Magyar	30,375	28,760	59,140
Icelandic	945	995	1,940
Italian	252,700	234,615	487,310
Jewish	66,610	64,710	131,315
Latvian	6,000	5,735	11,735
Lithuanian	6,105	5,960	12,070
Luxembourg	70	60	125
Maltese	7,885	6,640	14,525
Norwegian	4,175	4,045	8,215
Polish	61,840	61,105	122,945
Portuguese	65,040	63,965	129,005
Romanian	4,135	4,035	8,170
Russian	4,075	4,640	8,715
Slovak	6,450	6,190	12,640
Spanish	12,580	12,600	25,180
Swedish	6,240	6,575	12,820
Swiss	5,970	5,785	11,750
Ukrainian	66,540	67,455	133,995
Yugoslavian	45,310	42,890	88,205
Other European n.o.s.	2,840	2,565	5,415
Total	1,364,200	1,340,665	2,704,865

Table 3.19 (cont'd.)

	Male	Female	Total
		number	
Asian & African			
Armenian	4,965	4,695	9,665
Black	7,615	7,620	15,230
Burmese	100	100	195
Cambodian	510	375	885
Chinese	59,720	58,920	118,635
Egyptian	1,835	1,485	3,315
Fijian	120	130	250
Indonesian	530	390	920
Indo-Pakistani	48,415	45,575	93,990
Iranian	1,510	1,225	2,740
Israeli	70	95	160
Japanese	8,495	8,195	16,690
Korean	6,775	7,105	13,880
Laotian	1,260	1,205	2,465
Lebanese	6,065	5,475	11,545
Malay	385	405	790
Palestinian	285	235	525
Philippino	15,665	19,580	35,245
Polynesian	95	95	185
Syrian	495	570	1,065
Thai	80	110	195
Turkish	1,425	1,115	2,540
Vietnamese	5,225	3,845	9,075
Other African	4,920	4,750	9,670
Other Asian & African n.o.s.	9,705	8,695	18,390
Total	186,265	181,975	368,245
North & South American			
Native Peoples	40,825	43,035	83,860
Canadian	11,195	10,670	21,860
American	795	910	1,705
Argentinian	390	285	675
Brazilian	335	340	675
Caribbean Black	29,520	35,620	65,140
Chilean	605	470	1,075
Cuban	105	125	230
Ecuadorian	435	380	815
Haitian	140	145	290
Mexican	545	690	1,235
Peruvian	215	200	415
Other North & South American n.o.s.	6,660	6,075	12,730
Total	91,765	98,935	190,695
Total Single Origins	3,826,520	3,925,100	7,751,615
Multiple Origins			
British & French	97,770	103,650	201,415
British & Other	186,050	189,745	375,800
French & Other	21,395	23,750	45,145
British, French & Other	24,350	25,760	50,105
European & Other	41,595	42,400	83,990
Native Peoples & Other	12,975	13,220	26,200
Total Multiple Origins	384,130	398,525	782,655
Total	4,210,645	4,323,620	8,534,265

Source: Statistics Canada, *Census of Canada.*

Notes: 1. See note, Table 3.18.
2. The 1981 Census is the first to accept more than one ethnic origin for an individual.
3. Other African includes South African, Rhodesian and Other African.

Table 3.20 Population by Religion and Sex, Ontario, 1981

	Male	Female	Total
		number	
Adventist	7,125	9,140	16,265
Anglican	554,500	609,820	1,164,315
Baptist	136,105	152,360	288,465
Brethren in Christ	7,330	8,205	15,540
Buddhist	9,550	9,040	18,595
Christian & Missionary Alliance	3,435	3,780	7,220
Christian Reformed	25,545	25,125	50,670
Church of the Nazarene	1,710	2,045	3,760
Churches of Christ, Disciples	3,070	3,470	6,545
Doukhobor	80	60	135
Eastern Non-Christian, n.e.s.	13,030	11,720	24,745
Eastern Orthodox	12,180	11,305	23,485
Free Methodist	4,225	4,770	8,995
Greek Orthodox	72,105	68,510	140,610
Hindu	21,320	20,335	41,660
Hutterite	55	55	105
Islam	27,440	24,675	52,110
Jehovah's Witnesses	21,560	26,900	48,465
Jewish	74,060	74,190	148,255
Lutheran	124,725	129,455	254,180
Mennonite	22,555	23,925	46,485
Mormon	9,075	11,020	20,095
Pentecostal	55,465	64,075	119,530
Presbyterian	250,430	266,585	517,020
Protestant, n.e.s.	69,905	74,560	144,430
Roman Catholic	1,475,060	1,511,875	2,986,935
Salvation Army	21,365	23,700	45,065
Ukrainian Catholic	24,840	24,470	49,310
Ukrainian Orthodox	1,680	1,545	3,225
Unitarian	2,775	3,345	6,120
United Church	795,235	860,315	1,655,555
Other	4,040	3,735	7,775
No Religious Preference	359,085	259,515	618,600
Total	4,210,645	4,323,615	8,534,265

Source: Statistics Canada, *Census of Canada.*

Notes: 1. See note, Table 3.18.
2. Roman Catholic includes Polish National Catholic Church.
3. Eastern Orthodox excludes Greek Orthodox and Ukrainian Orthodox.
4. No Religious Preference includes agnostic, atheist, no religion and other non-religious entries.

Table 3.21 Population by Citizenship and Sex, Ontario and Other Regions of Canada, Census Years, 1961, 1971 and 1981

	With Canadian Citizenship			Without Canadian Citizenship			
Year	Male	Female	Total	Male	Female	Total	Total
				'000's			
1981							
Ontario	3,906.5	3,975.5	7,881.9	304.2	348.1	652.3	8,534.3
Atlantic	1,089.1	1,094.5	2,183.6	14.3	16.2	30.5	2,214.1
Quebec	3,072.4	3,148.9	6,221.3	69.9	78.2	147.8	6,369.1
West	3,326.7	3,269.8	6,596.5	175.6	193.9	369.5	6,966.0
Canada	11,394.7	11,488.8	22,883.4	563.7	636.4	1,200.1	24,083.5
Ontario % of Canada	34.3	34.6	34.4	54.0	54.7	54.4	35.4
Ontario							
1971	3,469.6	3,470.5	6,940.1	374.0	389.0	763.0	7,703.1
1961	2,848.8	2,824.3	5,673.1	285.8	277.2	563.0	6,236.1

Source: Statistics Canada, *Census of Canada.*

Note: Data for 1981 exclude persons living in institutions.

Table 3.22 **Persons Granted Canadian Citizenship, Ontario and Canada, Selected Years, 1956 to 1984**

Year	Ontario	Canada	Ontario % of Canada
	number		
1984	49,662	109,504	45.4
1983	45,709	90,328	50.6
1982	45,708	87,468	52.3
1981	49,671	94,457	52.6
1980	59,534	118,590	50.2
1979	79,882	156,699	51.0
1978	115,410	223,214	51.7
1977	64,297	123,655	52.0
1976	68,146	117,276	58.1
1975	78,724	137,507	57.3
1974	70,848	130,278	54.4
1973	58,066	104,697	55.5
1972	44,329	80,866	54.8
1971	32,415	63,669	50.9
1966	32,573	60,852	53.5
1961	31,037	56,476	55.0
1956	33,325	55,404	60.1

Sources: Secretary of State, Citizenship Registration Branch, *Canadian Citizenship Statistics.*
Unpublished data.

Table 3.23 **Urban and Rural Population, Ontario and Other Regions of Canada, 1981**

	Urban	Rural	Total
		number	
Ontario	7,047,030	1,578,075	8,625,105
Atlantic	1,197,470	1,036,560	2,234,030
Quebec	4,993,840	1,444,560	6,438,400
West	5,197,580	1,848,060	7,045,640
Canada	18,435,925	5,907,255	24,343,180
Ontario % of Canada	38.2	26.7	35.4

Source: Statistics Canada, *Census of Canada.*

Table 3.24 Components of Population Change, Ontario, 1921/22 to 1984/85

Year	Population Beginning of Period	Births	Deaths	Natural Increase	Immi-grants	Emi-grants	Net International Migration
				'000's			
1984/85[p]	8,946.9	133.2	65.5	67.7	39.0	22.8	16.2
1983/84	8,825.2	127.9	64.3	63.6	39.3	22.2	17.1
1982/83[r]	8,716.1	126.5	64.5	62.0	46.8	23.2	23.6
1981/82[r]	8,624.7	123.0	62.9	60.1	57.9	20.9	37.0
1980/81	8,569.7	123.0	62.6	60.4	55.1	20.9	34.2
1979/80	8,501.3	121.8	62.8	59.0	62.8	24.8	38.0
1978/79	8,439.6	121.7	60.3	61.4	40.2	29.3	10.9
1977/78	8,353.1	122.0	62.0	59.9	52.2	27.8	24.3
1976/77	8,264.5	122.7	60.3	62.4	63.8	24.9	38.9
1975/76	8,172.2	123.6	60.6	63.0	83.8	29.9	53.9
1974/75	8,054.1	126.5	61.2	65.3	115.7	36.3	79.4
1973/74	7,908.8	122.9	60.4	62.5	119.8	38.4	81.4
1972/73	7,809.9	124.0	58.8	65.1	69.3	28.5	40.8
1971/72	7,703.1	127.1	57.5	69.6	62.7	30.2	32.5
1966/67 – 1970/71	6,960.9	651.0	278.0	373.1	474.7	179.5	295.2
1961/62 – 1965/66	6,236.1	752.5	264.7	487.9	287.1	147.9	139.2
1956/57 – 1960/61	5,404.9	771.5	248.4	523.1	400.8	162.8	238.0
1951/52 – 1955/56	4,597.5	654.7	224.3	430.4	416.5	99.0	317.5
1941/42 – 1950/51	3,787.7	932.3	427.3	505.0	272.3	106.4	165.9
1931/32 – 1940/41	3,431.7	647.4	368.9	278.5	62.5	80.5	–18.0
1921/22 – 1930/31	2,933.7	698.7	355.4	343.3	421.8	345.3	76.5

Table 3.24 (cont'd.)

Year	In-migrants	Out-migrants	Net Inter-provincial Migration	Net External Migration	Population Growth During Period	Population at End of Period
				'000's		
1984/85^p	114.1	76.2	37.9	54.1	121.8	9,068.7
1983/84	89.0	52.6	36.4	53.5	117.2	8,942.4
1982/83^r	86.9	63.3	23.6	47.2	109.1	8,825.2
1981/82^r	83.6	89.3	−5.7	31.3	91.4	8,716.1
1980/81	77.1	116.3	−39.2	−5.0	55.4	8,625.1
1979/80	79.6	108.2	−28.7	9.4	68.4	8,569.7
1978/79	87.1	97.7	−10.6	0.3	61.7	8,501.3
1977/78	97.8	95.6	2.2	26.6	86.5	8,439.6
1976/77	86.2	98.9	−12.7	26.2	88.6	8,353.1
1975/76	81.1	105.7	−24.6	29.3	92.3	8,264.5
1974/75	85.0	111.6	−26.6	52.8	118.1	8,172.2
1973/74	104.7	103.4	1.4	82.8	145.3	8,054.1
1972/73	96.0	103.0	−7.0	33.8	98.9	7,908.8
1971/72	109.2	104.6	4.6	37.1	106.8	7,809.9
1966/67 – 1970/71	574.2	500.2	74.0	369.2	742.2	7,703.1
1961/62 – 1965/66	470.2	372.5	97.8	236.9	724.8	6,960.9
1956/57 – 1960/61	. .	. .	70.0	308.1	831.2	6,236.1
1951/52 – 1955/56	. .	. .	59.5	377.0	807.4	5,404.9
1941/42 – 1950/51	. .	. .	139.0	304.9	809.9	4,597.6
1931/32 – 1940/41	. .	. .	95.5	77.5	356.0	3,787.7
1921/22 – 1930/31	. .	. .	78.2	154.7	498.0	3,431.7

Sources: Statistics Canada, *Estimates of Population for Canada and the Provinces, June 1, 1983, (91-201).*
Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada, Provinces and Territories, (91-210).
Demography Division, *Components of Population Growth by Sex and Age: Immigration, Emigration, Interprovincial Migration, Births and Deaths, Canada and Provinces, 1982-83.*
International and Interprovincial Migration in Canada by Age and Sex, June 1, 1976/77 to December 31, 1982.
Postcensal Estimates of Population, April 1, 1986.
Unpublished data.
Office of the Registrar General, *Ontario Vital Statistics.*
Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes:
1. Data are for census years from June 1 to May 31.
2. The summation of Statistics Canada data on components of population change does not correspond to the total change in population calculated from population figures for June 1. This is because Statistics Canada revises population data but does not revise data on components of population change accordingly. In order to provide consistency, adjustments were made to data on interprovincial migration from 1951/52 to 1982/83 and emigration data for 1981/82 and 1982/83.
3. Data on Immigrants prior to 1931 and Emigrants and Net Interprovincial Migration prior to 1951 are estimates.

Table 3.25 Live Births, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
1984	131,296	33,252	87,839	124,644	377,031	34.8
1983	126,826	33,755	88,154	124,954	373,689	33.9
1982	124,856	33,911	90,800	123,515	373,082	33.5
1981	122,183	34,609	95,322	119,232	371,346	32.9
1980	123,316	35,295	97,421	114,677	370,709	33.3
1979	121,655	35,358	98,646	110,405	366,064	33.2
1978	120,964	35,803	94,860	107,225	358,852	33.7
1977	122,757	36,968	95,690	105,985	361,400	34.0
1976	122,700	37,703	96,342	103,242	359,987	34.1
1975	125,775	38,053	93,597	101,898	359,323	35.0
1974	124,229	37,828	89,364	99,229	350,650	35.4
1973	123,776	38,506	84,057	97,034	343,373	36.0
1972	125,060	40,250	83,603	98,406	347,319	36.0
1971	130,395	41,307	89,210	101,275	362,187	36.0
1966	131,942	44,225	109,878	101,665	387,710	34.0
1961	157,663	54,401	137,174	126,462	475,700	33.1
1956	143,516	52,877	135,884	118,462	450,739	31.8
1951	114,827	47,589	120,930	97,746	381,092	30.1

Source: Statistics Canada, *Vital Statistics, Births and Deaths (84-204)*.

Notes: 1. Newfoundland births from 1975 on adjusted for expected undercount.
2. Quebec births in 1975 and 1977 adjusted for estimated overcount due to duplication.
3. Quebec births in 1978 unadjusted for estimated overcount due to duplication.

Table 3.26 Crude Birth Rates, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada
1984	14.7	14.5	13.4	17.0	15.0
1983	14.4	14.9	13.5	17.2	15.0
1982	14.3	15.1	14.0	17.2	15.1
1981	14.2	15.5	14.8	16.9	15.3
1980	14.4	15.8	15.3	16.7	15.4
1979	14.3	15.9	15.6	16.5	15.4
1978	14.3	16.2	15.1	16.3	15.3
1977	14.7	16.8	15.2	16.5	15.5
1976	14.8	17.3	15.5	16.4	15.7
1975	15.4	17.7	15.1	16.4	15.8
1974	15.4	17.8	14.6	16.4	15.7
1973	15.7	18.3	13.8	16.3	15.6
1972	16.0	19.4	13.8	16.8	15.9
1971	16.9	20.1	14.8	17.5	16.8
1966	19.0	22.4	19.0	19.2	19.4
1961	25.3	28.7	26.1	26.1	26.1
1956	26.6	30.0	29.4	27.7	28.0
1951	25.0	29.4	29.8	26.1	27.2

Source: Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. Rates were calculated based on population and live birth data in Tables 3.1 and 3.25.
2. Crude birth rate is the number of births per 1,000 population.
3. For additional information regarding this data, see notes, Table 3.25.

Table 3.27 Live Births by Age of Mother, Ontario, Selected Years, 1951 to 1984

Year	Under 15	15 – 19	20 – 24	25 – 29	30 – 34
			number		
1984	63	7,685	34,419	50,586	29,397
1983	64	8,139	34,524	48,626	27,243
1982	78	9,004	35,331	46,942	25,903
1981	71	9,128	35,379	45,822	25,008
1980	73	10,077	36,669	45,975	24,246
1979	98	10,441	36,925	44,925	23,132
1978	93	11,445	37,909	44,045	21,733
1977	81	12,342	39,515	44,343	20,703
1976	107	13,217	39,721	44,809	18,784
1975	111	14,039	41,195	45,836	18,432
1974	109	14,531	40,623	44,373	18,126
1973	108	15,156	41,044	42,854	17,481
1972	97	15,303	42,856	41,245	17,735
1971	88	15,455	46,558	40,948	18,273
1966	77	16,837	41,872	34,994	21,794
1961	79	14,778	47,158	44,239	30,329
1956	45	11,371	41,277	42,271	30,097
1951	37	9,298	32,709	35,852	22,199

Table 3.27 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50+	Total
			number		
1984	8,225	889	32	–	131,296
1983	7,441	762	27	–	126,826
1982	6,781	785	32	–	124,856
1981	5,917	825	32	1	122,183
1980	5,508	732	36	–	123,316
1979	5,270	823	41	–	121,655
1978	4,909	780	49	1	120,964
1977	4,957	771	45	–	122,757
1976	5,004	995	61	2	122,700
1975	5,068	1,029	64	1	125,775
1974	5.274	1,124	69	–	124,229
1973	5,759	1,306	68	–	123,776
1972	6,259	1,482	80	1	125,060
1971	7,161	1,814	98	–	130,395
1966	12,294	3,827	246	1	131,942
1961	16,500	4,313	263	4	157,663
1956	14,264	3,963	225	3	143,516
1951	11,441	3,073	213	5	114,827

Sources: Statistics Canada, *Vital Statistics, Births and Deaths*, (84-204).
Office of the Registrar General, *Ontario Vital Statistics*.

Note: Births to mothers of not stated ages have been distributed according to weights of known age groups.

Table 3.28 Age-Specific Fertility Rates, Ontario, Selected Years, 1951 to 1984

Year	15 – 19	20 – 24	25 – 29	30 – 34	35 – 39	40 – 44	45 – 49	Total Fertility Rate
1984	21.7	82.7	127.4	79.0	23.9	3.3	0.1	1,690.6
1983	22.1	84.4	124.7	74.6	22.6	2.9	0.1	1,657.1
1982^{r}	23.5	88.0	122.6	71.5	21.7	3.1	0.1	1,652.8
1981	23.1	89.1	121.9	68.6	20.4	3.4	0.1	1,633.1
1980	24.9	93.4	123.0	68.6	19.7	3.1	0.2	1,663.7
1979	25.8	94.6	122.4	67.9	19.4	3.5	0.2	1,668.3
1978	28.4	97.6	121.4	66.1	18.8	3.3	0.2	1,678.8
1977	31.0	103.0	123.6	66.2	19.8	3.3	0.2	1,735.1
1976	33.4	105.6	124.6	64.6	20.6	4.3	0.3	1,767.1
1975	36.3	112.2	131.4	65.7	21.3	4.4	0.3	1,858.1
1974	38.2	114.6	132.3	67.5	22.5	4.8	0.3	1,901.4
1973	41.0	120.1	134.3	68.5	25.1	5.6	0.3	1,973.9
1972	42.3	127.1	135.4	72.7	27.3	6.4	0.3	2,057.6
1971	44.0	137.2	145.9	77.4	31.2	7.8	0.4	2,219.8
1966	57.2	171.3	160.2	98.8	52.8	16.2	1.3	2,788.7
1961	69.1	239.9	211.6	134.2	69.8	21.9	1.5	3,740.0
1956	66.6	225.8	205.8	135.6	73.1	22.5	1.5	3,654.5
1951	59.8	186.5	182.0	125.2	68.1	20.8	1.6	3,220.0

Source: Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. Rates were calculated based on population and live birth data in Tables 3.8 and 3.27.
2. Age-specific Fertility Rate is the birth rate per 1,000 women in the respective age groups.
3. Total Fertility Rate is the sum of age-specific fertility rates multiplied by five.

Table 3.29 Live Births Born to Unmarried Mothers, Ontario, Selected Years, 1951 to 1984

Year	Live Births
	#
1984	14,096
1983	13,090
1982^{r}	12,720
1981	11,315
1980	10,855
1979	10,176
1978	9,962
1977	9,619
1976	9,289
1975	8,799
1974	8,286
1973	8,285
1972	8,437
1971	8,492
1966	8,476
1961	5,456
1956	4,415
1951	3,807

Sources: Statistics Canada, *Vital Statistics, Births and Deaths,* (84-204).
Office of the Registrar General, *Ontario Vital Statistics.*

Notes: 1. Births to mothers of not stated marital status have been distributed according to weights of those whose marital status is known.
2. Figure for 1974 is preliminary.

Table 3.30 Deaths, Ontario and Other Regions of Canada, Selected Years, 1921 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
1984	64,703	16,814	44,449	49,761	175,727	36.8
1983	64,507	16,801	44,275	48,901	174,484	37.0
1982	63,696	16,503	43,497	50,717	174,413	36.5
1981	62,838	16,319	42,684	49,188	171,029	36.7
1980	62,746	16,681	43,512	48,534	171,473	36.6
1979	61,468	16,173	43,311	47,231	168,183	36.5
1978	61,116	16,169	43,552	47,342	168,179	36.3
1977	61,425	16,332	43,459	46,282	167,498	36.7
1976	60,645	16,575	43,011	46,778	167,009	36.3
1975	60,604	16,225	43,642	46,933	167,404	36.2
1974	60,556	16,478	42,767	46,993	166,794	36.3
1973	59,876	16,437	42,666	45,060	164,039	36.5
1972	58,905	16,287	42,311	44,910	162,413	36.3
1971	56,623	15,831	40,738	44,080	157,272	36.0
1966	54,171	15,369	38,680	41,643	149,863	36.1
1961	50,997	14,846	37,044	38,098	140,985	36.2
1956	47,231	14,387	35,042	35,301	131,961	35.8
1951	43,981	14,593	34,900	32,349	125,823	35.0
1941	39,226	13,232	34,338	28,217	115,013	34.1
1931	35,705	11,524	34,487	22,973	104,689	34.1
1921	34,551	13,039	33,433	20,132	101,155	34.2

Sources: Statistics Canada, *Vital Statistics, Births and Deaths, (84-204).*
Vital Statistics, Deaths, (84-206).

Note: Data exclude Yukon and Northwest Territories in 1921.

Table 3.31 Crude Death Rates, Ontario and Other Regions of Canada, Selected Years, 1921 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada
1984	7.2	7.3	6.8	6.8	7.0
1983	7.3	7.4	6.8	6.7	7.0
1982r	7.3	7.4	6.7	7.0	7.1
1981	7.3	7.3	6.6	7.0	7.0
1980	7.3	7.5	6.8	7.1	7.1
1979	7.2	7.3	6.8	7.1	7.1
1978	7.2	7.3	6.9	7.2	7.2
1977	7.4	7.4	6.9	7.2	7.2
1976	7.3	7.6	6.9	7.4	7.3
1975	7.4	7.5	7.1	7.6	7.4
1974	7.5	7.8	7.0	7.7	7.5
1973	7.6	7.8	7.0	7.6	7.4
1972	7.5	7.8	7.0	7.7	7.4
1971	7.4	7.7	6.8	7.6	7.3
1966	7.8	7.8	6.7	7.9	7.5
1961	8.2	7.8	7.0	7.9	7.7
1956	8.7	8.2	7.6	8.2	8.2
1951	9.6	9.0	8.6	8.7	9.0
1941	10.4	11.7	10.3	8.7	10.0
1931	10.4	11.4	12.0	7.5	10.1
1921	11.8	13.0	14.2	8.1	11.5

Source: Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. Crude death rates are deaths per 1,000 population.
2. Rates were calculated based on population and death data in Tables 3.1 and 3.30.
3. See note, Table 3.30.

Table 3.32 Standardized (Age-Adjusted) Death Rates by Sex, Ontario and Canada, Selected Years, 1921 to 1984

	Ontario			Canada		
Year	Male	Female	Total	Male	Female	Total
1984	6.8	4.8	5.7	6.9	4.8	5.8
1983	7.0	4.9	5.9	7.1	4.9	5.9
1982	7.0	4.2	5.4	7.1	4.2	5.5
1981	7.2	4.3	5.5	7.2	4.3	5.6
1980	7.4	4.4	5.7	7.5	4.4	5.8
1979	7.5	4.4	5.8	7.6	4.4	5.9
1978	7.7	4.5	6.1	7.8	4.5	6.2
1977	7.9	4.7	6.3	7.9	4.7	6.3
1976	8.0	4.7	6.4	8.1	4.8	6.4
1975	8.3	4.8	6.4	8.3	4.9	6.5
1974	8.4	5.0	6.7	8.4	5.0	6.8
1973	8.6	5.1	6.8	8.5	5.1	6.8
1972	8.7	5.1	6.7	8.6	5.2	6.8
1971	8.4	5.0	6.6	8.4	5.2	6.7
1966	9.0	5.6	7.2	8.8	5.7	7.2
1961	9.2	6.2	7.6	9.0	6.3	7.6
1956	9.6	6.8	8.1	9.4	7.0	8.2
1951	9.9	7.6	8.7	10.0	8.0	9.0
1941	11.4	9.3	10.4	12.0	10.3	11.2
1931	12.4	11.0	11.7	12.7	11.7	12.2
1921	14.1	13.2	13.6	13.3	12.4	12.9

Sources: Statistics Canada, *Vital Statistics, Births and Deaths (84-204).*
Vital Statistics, Deaths, (84-206).

Notes: 1. Standardized to 1956 age structure of Canadian population for years up to 1978 and to 1971 age structure from 1979 on. Rates are per 1,000 population.
2. Data exclude Yukon and Northwest Territories prior to 1951.
3. Data exclude Quebec in 1921.

Table 3.33 Deaths and Age-Specific Death Rates by Sex, Ontario, 1983 and 1984

	Deaths		Death Rates	
	Male	Female	Male	Female
	number			
1984				
Under 1 Year	552	440	8.2	6.9
1 – 4	122	88	0.5	0.4
5 – 9	85	60	0.3	0.2
10 – 14	74	67	0.2	0.2
15 – 19	312	105	0.8	0.3
20 – 24	531	164	1.3	0.4
25 – 29	432	163	1.1	0.4
30 – 34	383	192	1.1	0.5
35 – 39	462	294	1.4	0.9
40 – 44	614	377	2.2	1.4
45 – 49	883	542	3.7	2.3
50 – 54	1,583	886	6.7	3.8
55 – 59	2,412	1,393	10.8	6.0
60 – 64	3,645	2,117	18.5	9.5
65 – 69	4,193	2,496	29.5	14.9
70 – 74	5,138	3,392	45.3	23.6
75 – 79	5,065	4,144	71.3	38.5
80 – 84	4,156	4,588	105.8	65.0
85 +	4,202	8,350	185.1	142.5
Not Stated	1	–	. .	. .
Total	34,845	29,858	7.9	6.6
1983				
Under 1 Year	567	446	8.7	7.2
1 – 4	115	89	0.5	0.4
5 – 9	78	54	0.3	0.2
10 – 14	94	56	0.3	0.2
15 – 19	321	125	0.8	0.3
20 – 24	530	149	1.3	0.4
25 – 29	402	142	1.1	0.4
30 – 34	394	185	1.1	0.5
35 – 39	448	299	1.4	0.9
40 – 44	613	385	2.3	1.5
45 – 49	925	560	3.9	2.4
50 – 54	1,598	910	6.7	3.9
55 – 59	2,591	1,481	11.7	6.3
60 – 64	3,499	1,898	18.7	9.0
65 – 69	4,344	2,605	30.5	15.6
70 – 74	5,065	3,422	46.6	24.6
75 – 79	4,900	4,053	71.6	39.0
80 – 84	4,200	4,576	111.7	67.5
85 +	4,298	8,086	195.4	144.4
Not Stated	2	2	. .	. .
Total	34,984	29,523	8.1	6.6

Sources: Statistics Canada, *Vital Statistics, Births and Deaths*, (84-204).
Demography Division, *Final Postcensal Estimates of Population by Sex and Age, Canada, Provinces and Territories, June 1, 1983 and 1984.*

Notes: 1. Rates are deaths per 1,000 population.
2. Death rates under 1 year are deaths per 1,000 live births.

Table 3.34 Infant Mortality, Ontario and Other Regions of Canada, Selected Years, 1921 to 1984

	Perinatal Deaths			Infant Deaths			
Year	Still-births	Under 7 days	Total	Neonatal Under 28 days	Post-neonatal 28 days to 1 year	Total Under 1 year	Infant Death Rate
				number			
1984							
Ontario	570	552	1,122	656	336	992	7.6
Atlantic	167	145	312	167	106	273	8.2
Quebec	361	383	744	459	186	645	7.3
West	580	549	1,129	660	488	1,148	9.2
Canada	1,678	1,629	3,307	1,942	1,116	3,058	8.1
Ontario % of Canada	34.0	33.9	33.9	33.8	30.1	32.4	. . .
Ontario							
1983	669	563	1,232	663	350	1,013	8.0
1982	676	609	1,285	713	328	1,041	8.3
1981	641	629	1,270	697	376	1,073	8.8
1980	698	673	1,371	784	391	1,175	9.5
1979	726	745	1,471	865	382	1,247	10.3
1978	761	793	1,554	924	449	1,373	11.4
1977	850	827	1,677	930	454	1,384	11.3
1976	957	926	1,883	1,040	475	1,515	12.3
1975	906	1,006	1,912	1,148	466	1,614	12.8
1974	1,019	1,020	2,039	1,163	503	1,666	13.4
1973	1,034	1,093	2,127	1,238	502	1,740	14,1
1972	1,159	1,246	2,405	1,392	516	1,908	15.3
1971	1,221	1,255	2,476	1,424	566	1,990	15.3
1966	1,554	1,772	3,326	1,956	713	2,669	20.2
1961	1,870	2,378	4,248	2,627	999	3,626	23.0
1956	1,969	2,230	4,199	2,509	1,101	3,610	25.2
1951	1,975	2,033	4,008	2,429	1,116	3,545	30.9
1941	2,084	1,576	3,660	1,968	1,326	3,294	45.6
1931	2,652	1,916	4,568	2,585	2,248	4,833	69.8
1921	3,454	2,386	5,840	3,376	3,387	6,763	91.2

Sources: Statistics Canada, *Vital Statistics, Births and Deaths, (84-204).*
Vital Statistics, Deaths, (84-206).

Notes: 1. Infant Death Rate is infant deaths per 1,000 live births.
2. Stillbirths is foetal deaths of 28 or more weeks' gestation.
3. Prior to 1951, neonatal deaths included deaths under one calendar month of age; since 1951 deaths under 28 days are included.

Table 3.35 Male Deaths per 100 Female Deaths, Ontario and Other Regions of Canada, Selected Years, 1921 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada
			number		
1984	117	128	132	132	126
1983	118	132	131	135	127
1982	119	135	133	136	128
1981	121	138	138	136	131
1980	122	133	138	140	132
1979	125	139	140	142	135
1978	128	142	139	145	137
1977	126	144	142	146	137
1976	130	138	140	146	138
1975	129	140	140	148	138
1974	128	142	138	149	138
1973	129	145	140	150	139
1972	130	143	138	150	139
1971	134	142	139	150	140
1966	135	138	138	157	142
1961	134	131	134	167	142
1956	132	127	130	163	138
1951	126	122	122	159	132
1941	122	116	115	152	125
1931	116	109	110	140	117
1921	110	109	107	133	113

Sources: Statistics Canada, *Vital Statistics, Births and Deaths*, (84-204).
Vital Statistics, Deaths, (84-206).

Notes: 1. Data include Newfoundland for all years.
2. See note, Table 3.30.

Table 3.36 Deaths by Marital Status and Sex, Ontario, Selected Years, 1951 to 1984

Year	Single		Married/Separated		Widowed/Divorced		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
					number			
1984	5,086	3,493	22,409	9,196	7,350	17,169	34,845	29,858
1983	5,238	3,483	22,407	9,332	7,339	16,708	34,984	29,523
1982	5,263	3,498	21,948	9,232	7,334	16,421	34,545	29,151
1981	5,317	3,542	22,030	8,968	7,114	15,867	34,461	28,377
1980	5,626	3,705	21,863	8,833	7,030	15,689	34,519	28,227
1979	5,692	3,530	21,513	8,913	6,892	14,928	34,097	27,371
1978	5,778	3,578	21,685	8,792	6,828	14,455	34,291	26,825
1977	5,775	3,709	21,775	8,859	6,733	14,574	34,283	27,142
1976	5,980	3,683	21,337	8,403	6,908	14,334	34,225	26,420
1975	6,049	3,806	21,302	8,571	6,756	14,120	34,107	26,497
1974	6,112	3,902	21,063	8,676	6,810	13,993	33,985	26,571
1973	6,295	3,920	20,637	8,650	6,820	13,554	33,752	26,124
1972	6,318	3,857	20,650	8,563	6,381	13,136	33,349	25,556
1971	5,973	3,864	20,037	7,982	6,364	12,403	32,374	24,249
1966	6,292	4,169	18,665	7,887	6,185	10,973	31,142	23,029
1961	6,463	4,392	16,925	7,312	5,860	10,045	29,248	21,749
1956	6,488	4,535	14,977	6,958	5,403	8,870	26,868	20,363
1951	6,251	4,394	13,224	6,868	5,008	8,236	24,483	19,498

Sources: Statistics Canada, *Vital Statistics, Births and Deaths, (84-204).*
Vital Statistics, Deaths, (84-206).
Office of the Registrar General, *Ontario Vital Statistics.*

Notes: 1. Deaths of persons under 15 years of age are included with Single.
2. Deaths of not stated marital status have been distributed according to weights of known marital status.

Table 3.37 Death Rates by Marital Status and Sex, Ontario, Census Years, 1951 to 1981

Year	Single		Married/Separated		Widowed/Divorced		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
1981	2.7	2.0	10.2	4.1	51.7	34.0	8.1	6.5
1976	3.0	2.1	10.6	4.1	62.7	36.2	8.4	6.3
1971	3.1	2.3	11.0	4.4	65.9	37.4	8.4	6.3
1966	3.5	2.6	11.6	4.9	80.5	39.9	9.0	6.6
1961	4.1	3.1	11.5	5.0	75.8	42.5	9.3	7.0
1956	4.8	3.9	11.5	5.4	73.9	42.2	9.9	7.6
1951	5.6	4.5	11.8	6.2	72.8	44.6	10.6	8.5

Source: Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. Rates calculated based on population and death data in Tables 3.16 and 3.36.
2. See Table 3.33, note 1.

Table 3.38 **Deaths by Cause and Sex, Ontario, 1984**

	Male	Female	Total	% of Canada
		number		
Infections & Parasitic Diseases	170	147	317	31.8
Neoplasms	9,028	7,699	16,727	37.0
Endocrine, Nutritional & Metabolic Diseases	714	845	1,559	34.2
Diseases of Blood & Blood-forming Organs	109	131	240	33.7
Mental Disorders	332	354	686	43.1
Diseases of the Nervous System & Sense Organs	634	557	1,191	39.6
Diseases of the Circulatory System	15,475	14,198	29,673	37.9
Diseases of the Respiratory System	266.7	1,817	4,484	34.8
Diseases of the Digestive System	1,310	1,205	2,515	37.9
Diseases of the Genito-urinary System	413	420	833	34.5
Complications of Pregnancy, Childbirth, Puerperium	–	6	6	50.0
Diseases of the Skin & Subcutaneous Tissue	23	40	63	40.6
Diseases, Musculo-skeletal System, Connective Tissue	74	147	221	33.9
Congenital Anomalies	244	220	464	34.7
Causes of Perinatal Mortality (Excluding Stillbirths)	255	188	443	34.0
Symptoms, Signs & Ill-defined Conditions	440	388	828	41.0
External Causes, Injury & Poisoning	2,957	1,496	4,453	31.8
Total	34,845	29,858	64,703	36.8

Source: Statistics Canada, *Vital Statistics, Causes of Death,* (84-203).

Table 3.39 Five Leading Causes of Death by Age Group and Sex, Ontario, 1983

	Male		Female		Total	
	#	rate	#	rate	#	rate
Under 1 Year						
Congenital Anomalies	156	239.3	149	241.7	305	240.5
Other Conditions Originating in the Perinatal Period	157	240.8	119	193.1	276	217.6
Symptoms, Signs & Other Ill-defined Conditions Including 149 Sudden Infant Death Syndrome	95	145.7	68	110.3	163	128.5
Intrauterine Hypoxia, Birth Asphyxia & Respiratory Distress Syndrome	81	124.2	51	82.7	132	104.1
Accidents & Adverse Effects	14	21.5	11	17.8	25	19.7
1 – 4						
Accidents	46	18.6	18	7.6	64	13.2
Congenital Anomalies	18	7.3	19	8.1	37	7.7
Cancer	17	6.9	12	5.1	29	6.0
Diseases of the Nervous System	12	4.9	8	3.4	20	4.1
Pneumonia	5	2.0	4	1.7	9	1.9
5 – 19						
Accidents	274	26.4	101	10.3	375	18.5
Cancer	46	4.4	38	3.9	84	4.2
Suicide	65	6.3	12	1.2	77	3.8
Diseases of the Nervous System	26	2.5	10	1.0	36	1.8
Congenital Anomalies	17	1.6	12	1.2	29	1.4
Violent Deaths	16	1.5	13	1.3	29	1.4
20 – 44						
Accidents	806	46.5	206	11.7	1,012	29.0
Cancer	327	18.9	433	24.7	760	21.8
Suicide	419	24.2	114	6.5	533	15.3
Diseases of the Heart	317	18.3	76	4.3	393	11.3
Violent Deaths	79	4.6	30	1.7	109	3.1
45 – 64						
Cancer	2,763	313.4	2,321	254.7	5,084	283.6
Diseases of the Heart	3,230	366.3	1,004	110.2	4,234	236.2
Cerebrovascular Diseases	304	34.5	263	28.9	567	31.6
Accidents	382	43.3	154	16.9	536	29.9
Chronic Liver Disease & Cirrhosis of Liver	322	36.5	122	13.4	444	24.8
65 & Over						
Diseases of the Heart	8,770	2,312.2	8,813	1,651.0	17,583	1,925.4
Cancer	5,519	1,455.0	4,485	840.2	10,004	1,095.5
Cerebrovascular Diseases	1,887	497.5	2,885	540.5	4,772	522.6
Diseases of the Arteries, Arterioles & Capillaries	972	256.3	1,017	190.5	1,989	217.8
Pneumonia	878	231.5	990	185.5	1,868	204.6
All Ages						
Diseases of the Heart	12,324	283.8	9,907	221.0	22,231	251.9
Cancer	8,675	199.8	7,289	162.6	15,964	180.9
Cerebrovascular Diseases	2,233	51.4	3,193	71.2	5,426	61.5
Accidents	1,971	45.4	1,005	22.4	2,976	33.7
Diseases of the Arteries, Arterioles & Capillaries	1,134	26.1	1,084	24.2	2,218	25.1

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Notes: 1. These are the leading causes of death for both sexes but not necessarily the leading causes for male or female.
2. Rates for deaths under 1 year are per 100,000 live births. All other rates are per 100,000 population.

Table 3.40 Average Life Expectancy by Selected Ages, Ontario and Canada, Census Years, 1931 to 1981

	Ontario		Canada	
	Male	Female	Male	Female
At Birth				
1981p	72.3	79.0	71.9	78.9
1976	70.6	77.7	70.2	77.5
1971	68.6	76.8	69.3	76.4
1966	68.7	75.5	68.8	75.2
1961	68.3	74.4	68.4	74.2
1956	67.8	73.6	67.6	72.9
1951	66.9	71.9	66.3	70.8
1941	64.6	68.4	63.0	66.3
1931	61.3	63.9	60.0	62.1
One Year				
1981p	72.0	78.6	71.7	78.6
1976	70.5	77.5	70.2	77.4
1971	69.8	76.8	69.8	76.6
1966	69.3	75.9	69.5	75.7
1961	69.1	75.0	69.5	75.0
1956	68.8	74.3	69.0	74.0
1951	68.3	72.9	68.3	72.3
1941	66.7	70.1	66.1	68.7
1931	65.1	66.8	64.7	65.7
20 Years				
1981p	53.6	60.0	53.4	60.0
1976	52.2	59.0	52.1	59.0
1971	51.6	58.4	51.7	58.2
1966	51.1	57.5	51.5	57.4
1961	51.0	56.5	51.5	56.7
1956	50.8	56.0	51.2	55.8
1951	50.6	54.8	50.8	54.4
1941	49.6	52.4	49.6	51.8
1931	48.8	50.1	49.1	49.8
40 Years				
1981p	34.7	40.6	34.7	40.7
1976	33.5	39.6	33.6	39.7
1971	32.9	39.1	33.2	39.0
1966	32.4	38.2	33.0	38.2
1961	32.4	37.3	33.0	37.5
1956	32.2	36.7	32.7	36.7
1951	32.0	35.8	32.5	35.6
1941	31.5	34.1	31.9	34.0
1931	31.6	32.9	32.0	33.0
60 Years				
1981p	17.8	22.7	18.0	22.8
1976	17.0	21.9	17.2	22.0
1971	16.6	21.5	17.0	21.4
1966	16.2	20.6	16.8	20.6
1961	16.2	19.7	16.7	19.9
1956	16.1	19.4	16.5	19.3
1951	16.2	18.6	16.5	18.6
1941	15.8	17.6	16.1	17.6
1931	15.9	16.9	16.3	17.2

Sources: Statistics Canada, *Vital Statistics, Deaths, (84-206).*
Vital Statistics and Disease Registries Section, Health Division.

Notes: 1. Data exclude Yukon and Northwest Territories prior to 1956.
2. Data exclude Newfoundland prior to 1951.

Table 3.41 Births, Deaths and Natural Increase, Ontario and Other Regions of Canada, Selected Years, 1921 to 1984

Year	Births	Deaths	Natural Increase
		number	
1984			
Ontario	131,296	64,703	66,593
Atlantic	33,252	16,814	16,438
Quebec	87,839	44,449	43,390
West	124,644	49,761	74,883
Canada	377,031	175,727	201,304
Ontario % of Canada	34.8	36.8	33.1
Ontario			
1983	126,826	64,507	62,319
1982	124,856	63,696	61,160
1981	122,183	62,838	59,345
1980	123,316	62,746	60,570
1979	121,655	61,468	60,187
1978	120,964	61,116	59,848
1977	122,757	61,425	61,332
1976	122,700	60,645	62,055
1975	125,775	60,604	65,171
1974	124,229	60,556	63,673
1973	123,776	59,876	63,900
1972	125,060	58,905	66,155
1971	130,395	56,623	73,772
1966	131,942	54,171	77,771
1961	157,663	50,997	106,666
1956	143,516	47,231	96,285
1951	114,827	43,981	70,846
1941	72,262	39,226	33,036
1931	69,209	35,705	33,504
1921	74,152	34,551	39,601

Sources: Statistics Canada, *Vital Statistics, Births and Deaths,* (84-204).
Vital Statistics, Deaths, (84-206).

Table 3.42 Rate of Natural Increase, Ontario and Other Regions of Canada, Selected Years, 1921 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada
1984	7.4	7.2	6.6	10.2	8.0
1983	7.1	7.5	6.7	10.4	8.0
1982	7.3	7.8	7.3	10.1	8.1
1981	6.9	8.2	8.2	9.9	8.2
1980	7.1	8.4	8.4	9.6	8.3
1979	7.1	8.6	8.7	9.4	8.3
1978	7.1	8.9	8.1	9.1	8.1
1977	7.3	9.4	8.3	9.3	8.3
1976	7.5	9.7	8.6	8.9	8.4
1975	8.0	10.1	8.1	8.9	8.5
1974	7.4	10.1	7.6	8.6	8.2
1973	8.1	10.5	6.8	8.7	8.1
1972	8.5	11.5	6.8	9.1	8.5
1971	9.6	12.4	8.0	9.9	9.5
1966	11.[illegible]	14.6	12.3	11.3	11.9
1961	17.1	20.8	19.0	18.2	18.4
1956	17.8	21.8	21.8	19.4	19.8
1951	15.4	20.4	21.2	17.5	18.2
1941	8.7	13.3	16.5	11.6	12.2
1931	9.8	12.7	17.1	13.3	13.1
1921	13.5	13.6	23.4	19.4	17.8

Sources: Statistics Canada, *Vital Statistics, Births and Deaths.* (84-204).
Vital Statistics, Deaths. (84-206).
Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. Rate of natural increase is natural increase per 1,000 population.
2. See note, Table 3.2.
3. See note, Table 3.30.

Table 3.43 Immigrants, Ontario and Other Regions of Canada, 1951/52 to 1984/85

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1984/85p	39.0	2.0	12.9	26.8	80.8	48.3
1983/84	39.3	1.9	15.4	30.9	87.5	44.9
1982/83r	46.8	2.2	19.2	37.1	105.3	44.5
1981/82	57.9	3.0	23.5	50.5	134.9	42.9
1980/81	55.1	2.8	19.4	52.1	129.5	42.5
1979/80	62.8	4.3	23.3	47.7	138.1	45.5
1978/79	40.2	2.1	14.6	26.0	82.9	48.5
1977/78	52.2	2.8	16.9	33.5	105.4	49.5
1976/77	63.8	4.2	25.7	38.8	132.6	48.1
1975/76	83.8	5.0	26.6	50.2	165.6	50.6
1974/75	115.7	5.9	31.7	59.6	212.9	54.3
1973/74	119.8	6.6	32.5	55.4	214.3	55.9
1972/73	69.3	4.1	18.8	38.2	130.4	53.1
1971/72	62.7	3.7	17.9	33.4	117.8	53.2
1966/67 – 1970/71	474.7	21.6	166.7	227.3	890.3	53.3
1961/62 – 1965/66	287.1	13.4	122.9	115.2	538.6	53.3
1956/57 – 1960/61	400.8	15.2	160.6	183.1	759.7	52.8
1951/52 – 1955/56	416.5	19.3	164.7	182.6	783.2	53.2

Sources: Statistics Canada, *Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada, Provinces and Territories*, (91-210).
International and Interprovincial Migration in Canada, 1978-79, (91-208).
Demography Division, *Components of Population Growth by Sex and Age, Immigration, Emigration, Interprovincial Migration, Births and Deaths, Canada and Provinces, 1982-83*.
International and Interprovincial Migration in Canada by Age and Sex, June 1, 1976-77 to December 31, 1982.
Postcensal Estimates of Population, April 1, 1986.
Unpublished data.

Note: See Table 3.24, note 1.

Table 3.44 Immigrants by Country of Last Permanent Residence, Ontario Compared to Canada, 1984

	Ontario	% of Canada
	#	
Argentina	130	53.5
Australia	141	37.4
Azores	359	76.9
Chile	300	45.2
China, Peoples Republic of	941	42.5
Columbia	111	45.7
Czechoslovakia	417	45.1
Ecuador	168	91.8
Egypt	220	49.0
El Salvador	1,008	39.1
Ethiopia	291	39.6
France	266	19.3
Germany, Federal Republic of	738	42.7
Greece	260	46.8
Guatamala	153	23.6
Guyana	1,585	83.6
Hong Kong	3,919	50.9
Hungary	215	57.5
India	2,194	39.9
Iran	933	49.9
Iraq	320	64.6
Ireland, Republic of	163	56.0
Israel	281	65.5
Italy	499	59.5
Japan	117	46.8
Kampuchea, Democratic Republic of	631	36.5
Kenya	140	50.4
Korea, Republic of	424	52.9
Laos	332	38.2
Lebanon	424	34.1
Malaysia	172	48.3
Mexico	219	42.0
Netherlands	306	56.1
Pakistan	347	56.8
Peru	115	37.7
Philippines, Republic of the	1,761	47.0
Poland	2,433	54.1
Portugal	521	60.9
Romania	428	51.0
South Africa, Republic of	183	57.0
Sri Lanka	656	62.6
Switzerland	153	39.3
Taiwan	199	47.3
Tanzania, United Republic of	225	53.6
Turkey	171	46.2
Uganada	100	68.5
United Kingdom	2,814	55.1
United States	3,189	46.1
Vietnam	4,235	38.7
Yugoslavia	340	73.1
Caribbean	3,152	56.0
Other Countries	2,128	36.0
Total	41,527	47.1

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Table 3.45 Immigrants by Intended Occupation and Sex, Ontario, 1984

	Male	Female	Total	% of Canada
		number		
Entrepreneurs	503	61	564	54.7
Managerial, Administrative & Related	651	159	810	53.0
Natural Sciences, Engineering & Mathematics	820	225	1,045	50.7
Social Sciences & Related	65	78	143	47.7
Religion	139	34	173	39.2
Teaching & Related	221	257	478	40.3
Medicine & Health	202	406	608	42.3
Artistic, Literary, Performing Arts & Related	171	108	279	43.3
Sport & Recreation	19	7	26	33.8
Clerical & Related	454	1,131	1,585	52.3
Sales	458	237	695	45.2
Service	642	2,207	2,849	54.4
Farming, Horticultural & Animal-husbandry	425	55	480	41.0
Fishing, Hunting & Trapping	18	–	18	27.7
Forestry & Logging	5	–	5	31.3
Mining & Quarrying Including Gas & Oil	19	–	19	33.9
Processing	224	96	320	40.8
Machining & Related	471	23	494	50.8
Fabricating, Assembling & Repairing	1,078	875	1,953	45.4
Construction	763	8	771	49.9
Transport Equipment Operating	236	6	242	42.6
Material Handling	115	50	165	50.0
Other Crafts & Equipment Operating	77	13	90	50.0
Not Elsewhere Classified	2,634	1,904	4,538	45.9
Total Destined for Labour Force	10,410	7,940	18,350	47.7
Total Not Destined for Labour Force	8,363	14,816	23,179	46.6
Total	18,773	22,756	41,529	47.1

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Table 3.46 Immigrants by Immigration Category and Labour Force Status by Sex, Ontario, 1979 to 1984

Year	Male	Female	Total	% of Canada
		number		
1984				
Family	8,784	12,291	[illegible]	45.1
Refugee	1,486	966	2,452	43.6
Designated	2,503	1,838	4,341	44.7
Assisted Relative	1,616	2,093	[illegible]	45.4
Independent	4,384	5,568	[illegible]	42.6
Total	18,773	22,756	41,529	42.1
Destined for Labour Force	10,410	7,940	[illegible]	47.7
Not Destined for Labour Force	8,363	14,816	[illegible]	40.6
1983				
Family	9,135	13,475	[illegible]	46.4
Refugee	1,053	681	1,734	42.3
Designated	2,567	1,769	[illegible]	43.0
Assisted Relative	1,104	1,306	2,410	48.2
Independent	4,315	4,641	[illegible]	42.7
Total	18,174	21,872	40,046	44.0
Destined for Labour Force	10,109	6,860	[illegible]	45.7
Not Destined for Labour Force	8,065	15,012	[illegible]	44.3
1982				
Family	9,665	13,089	22,754	45.5
Refugee	463	279	742	41.4
Designated	3,551	2,690	6,241	[illegible]
Assisted Relative	3,037	2,995	[illegible]	[illegible]
Independent	9,287	7,984	[illegible]	[illegible]
Total	26,003	27,037	[illegible]	[illegible]
Destined for Labour Force	15,201	8,863	24,064	43.4
Not Destined for Labour Force	10,802	18,174	[illegible]	[illegible]
1981				
Family	9,966	13,624	[illegible]	[illegible]
Refugee	246	137	[illegible]	[illegible]
Designated	2,866	2,274	[illegible]	[illegible]
Assisted Relative	4,241	3,912	[illegible]	40.4
Independent	9,473	8,151	[illegible]	[illegible]
Total	26,792	28,098	[illegible]	[illegible]
Destined for Labour Force	15,168	8,822	[illegible]	[illegible]
Not Destined for Labour Force	11,624	19,276	[illegible]	[illegible]
1980				
Family	10,206	13,848	[illegible]	[illegible]
Refugee	271	187	458	[illegible]
Designated	8,344	6,575	[illegible]	[illegible]
Assisted Relative	3,615	3,351	[illegible]	[illegible]
Independent	8,440	7,419	[illegible]	[illegible]
Total	30,876	31,380	[illegible]	43.5
Destined for Labour Force	17,378	10,280	[illegible]	43.4
Not Destined for Labour Force	13,499	21,100	[illegible]	43.6
1979				
Family	9,245	13,245	22,490	50.2
Refugee	424	339	763	36.4
Designated	5,439	4,458	9,897	[illegible]
Assisted Relative	2,743	2,509	5,252	53.8
Independent	7,166	6,379	13,545	45.1
Total	25,017	26,930	51,947	46.3
Destined for Labour Force	14,056	8,358	22,414	46.5
Not Destined for Labour Force	10,961	18,572	29,533	46.2

Sources: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.
Special tabulation.

Note: Sex not stated in one instance in family category in 1980.

Table 3.47 Emigrants, Ontario and Other Regions of Canada, 1951/52 to 1984/85

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1984/85^{p}	22.8	1.5	7.7	16.0	48.0	47.5
1983/84	22.2	1.4	8.0	16.8	48.4	45.9
1982/83^{r}	23.2	1.5	8.3	16.8	49.9	46.6
1981/82^{r}	20.9	1.6	6.9	15.4	44.8	46.7
1980/81	20.9	2.7	6.2	13.9	43.6	47.9
1979/80	24.8	3.4	8.0	14.8	51.1	48.5
1978/79	29.3	4.7	10.3	19.2	63.6	46.1
1977/78	27.8	5.1	10.6	19.7	63.3	43.9
1976/77	24.8	4.6	8.3	19.3	57.1	43.4
1975/76	29.9	2.2	15.0	18.3	65.4	45.7
1974/75	36.3	2.7	18.2	22.1	79.4	45.7
1973/74	38.4	2.8	19.3	23.4	84.0	45.7
1972/73	28.5	2.1	14.3	17.4	62.3	45.7
1971/72	30.2	2.2	15.2	18.5	66.1	45.7
1966/67 – 1970/71	180.4	53.8	144.1	94.1	472.4	38.2
1961/62 – 1965/66	147.9	44.6	124.9	114.8	432.1	34.2
1956/57 – 1960/61	162.8	27.0	82.7	75.2	347.9	46.8
1951/52 – 1955/56	99.0	32.1	86.3	78.7	296.1	33.4

Sources: Statistics Canada, *Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada, Provinces and Territories*, (91-210).
International and Interprovincial Migration in Canada, 1978-79, (91-208).
Demography Division, *Components of Population Growth by Sex and Age; Immigration, Emigration, Interprovincial Migration, Births and Deaths, Canada and Provinces, 1982-83*
International and Interprovincial Migration in Canada by Age and Sex, June 1, 1976-77 to December 31, 1982.
Postcensal Estimates of Population, April 1, 1986.
Unpublished data.

Note: See Table 3.24, notes 1 and 2.

Table 3.48 Interprovincial Migration Between Ontario and Other Regions of Canada, 1961/62 to 1984/85

Year	In-migrants to Ontario by Region of Origin			
	Atlantic	Quebec	West	Total
		'000's		
1984/85^{p}	19.1	29.6	65.4	114.1
1983/84	13.5	29.7	45.8	89.0
1982/83^{r}	13.5	29.5	43.9	86.9
1981/82^{r}	17.3	27.8	38.5	83.6
1980/81	17.1	27.0	33.0	77.1
1979/80	17.2	32.4	29.9	79.6
1978/79	16.9	37.0	33.2	87.1
1977/78	17.8	46.5	33.6	97.8
1976/77	19.4	35.0	31.8	86.2
1975/76	19.9	27.0	34.3	81.1
1974/75	21.2	27.9	35.8	85.0
1973/74	28.2	36.2	40.3	104.7
1972/73	22.6	36.5	36.9	96.0
1971/72	27.2	40.8	41.2	109.2
1966/67 – 1970/71	162.5	213.6	198.2	574.2
1961/62 – 1965/66	143.5	157.3	167.4	468.2

Table 3.48 (cont'd.)

Year	Out-migrants from Ontario by Region of Destination			
	Atlantic	Quebec	West	Total
		'000's		
1984/85p	16.4	18.0	41.9	76.2
1983/84	12.0	12.5	28.2	52.6
1982/83r	15.0	10.9	37.3	63.3
1981/82r	14.9	12.3	62.1	89.3
1980/81	16.4	14.0	79.9	110.3
1979/80	16.3	13.8	71.8	101.9
1978/79	17.3	15.5	58.6	91.5
1977/78	17.3	14.7	57.3	89.3
1976/77	19.6	18.4	54.6	92.6
1975/76	29.9	21.5	50.9	102.3
1974/75	32.5	25.1	56.9	114.5
1973/74	28.8	26.5	52.4	107.6
1972/73	27.4	23.4	44.2	95.0
1971/72	27.6	25.0	42.6	95.1
1966/67 – 1970/71	114.9	117.1	191.6	423.5
1961/62 – 1965/66	87.3	134.8	160.7	382.8

Table 3.48 (cont'd.)

Year	Net Interprovincial Migration Between Ontario & Other Regions of Canada			
	Atlantic	Quebec	West	Total
		'000's		
1984/85p	2.7	11.6	23.5	37.9
1983/84	1.5	17.3	17.6	36.4
1982/83r	−1.5	18.6	6.5	23.6
1981/82r	2.4	15.5	−23.6	5.7
1980/81	0.7	13.0	−46.9	33.2
1979/80	0.9	18.6	−41.9	22.4
1978/79	−0.4	21.5	−25.4	4.3
1977/78	0.5	31.8	−23.7	8.5
1976/77	−0.2	16.6	−22.8	6.4
1975/76	−10.0	5.5	−16.6	21.2
1974/75	−11.3	2.8	−21.1	29.5
1973/74	−0.6	9.7	−12.1	3.0
1972/73	−4.8	13.1	−7.3	1.0
1971/72	−0.4	15.8	−1.4	14.0
1966/67 – 1970/71	47.6	96.5	6.6	150.7
1961/62 – 1965/66	56.2	22.5	6.7	85.4

Sources: Statistics Canada, *Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada, Provinces and Territories*, (91-210).
International and Interprovincial Migration in Canada, 1961-62 to 1975-76, (91-208).
Demography Division, Components of Population Growth by Sex and Age; Immigration, Emigration, Interprovincial Migration, Births and Deaths, Canada and Provinces, 1982-83.
International and Interprovincial Migration in Canada by Age and Sex, June 1, 1976-77 to December 31, 1982.
Unpublished data.

Note: See Table 3.24, notes 1 and 2.

Table 3.49 International and Interprovincial Migration To and From Ontario by Sex and Five-Year Age Groups, 1984/85

	International			Interprovincial			Total Net Migration
	Immigrants	Emigrants	Net	In-migrants	Out-migrants	Net	
				number			
Males							
0 – 4	1,149	845	304	4,391	2,863	1,528	1,832
5 – 9	1,154	984	170	4,292	2,482	1,810	1,980
10 – 14	1,381	1,042	339	3,395	1,950	1,445	1,784
15 – 19	1,909	795	1,114	5,448	4,065	1,383	2,497
20 – 24	2,703	907	1,796	9,801	7,199	2,602	4,398
25 – 29	2,733	1,646	1,087	9,986	6,656	3,330	4,417
30 – 34	1,796	1,522	274	7,661	4,807	2,854	3,128
35 – 39	1,149	1,440	–291	4,705	2,869	1,836	1,545
40 – 44	711	923	–212	3,068	1,743	1,325	1,113
45 – 49	524	501	23	1,807	1,276	531	554
50 – 54	501	349	152	1,230	971	259	411
55 – 59	683	231	452	937	779	158	610
60 – 64	778	151	627	754	614	140	767
65 +	1,024	253	771	1,417	1,006	411	1,182
Total	18,195	11,589	6,606	58,892	39,280	19,612	26,218
Females							
0 – 4	1,068	765	303	4,191	2,692	1,499	1,802
5 – 9	1,150	995	155	4,151	2,398	1,753	1,908
10 – 14	1,355	1,031	324	3,175	1,858	1,317	1,641
15 – 19	2,031	740	1,291	5,292	3,793	1,499	2,790
20 – 24	3,450	1,238	2,212	9,504	6,605	2,899	5,111
25 – 29	2,961	1,713	1,248	9,175	6,354	2,821	4,069
30 – 34	2,053	1,495	558	6,575	4,394	2,181	2,739
35 – 39	1,307	1,129	178	3,865	2,475	1,390	1,568
40 – 44	806	668	138	2,312	1,398	914	1,052
45 – 49	725	432	293	1,436	1,062	374	667
50 – 54	947	301	646	1,185	911	274	920
55 – 59	1,046	212	834	1,071	827	244	1,078
60 – 64	925	150	775	918	650	268	1,043
65 +	1,424	343	1,081	2,360	1,524	836	1,917
Total	21,248	11,212	10,036	55,210	36,941	18,269	28,305

Source: Statistics Canada, *Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada, Provinces and Territories*, (91-210).

Notes:
1. See Table 3.24, notes 1 and 2.
2. Age at the beginning of the period.
3. Data are preliminary.
4. Age Group 0-4 includes those born after June 1 with a Total Net Migration of 80 Males and 61 Females.

Table 3.50 Mobility Status of Population 5 Years and Over, Ontario and Other Regions of Canada, 1976 to 1981

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Population 5 Years & Over	7,933.0	2,038.0	5,892.2	6,416.8	22,280.1	35.6
Non-movers	4,214.6	1,280.3	3,254.4	2,923.6	11,672.8	36.1
Movers	3,718.4	757.7	2,637.9	3,493.3	10,607.3	35.1
Non-migrants	1,993.1	417.3	1,492.8	1,635.6	5,538.8	36.0
Migrants	1,725.2	340.5	1,145.1	1,857.7	5,068.5	34.0
Within Same Province	1,229.4	196.6	999.1	946.7	3,371.7	36.5
From Different Province	250.6	124.3	61.3	704.3	1,140.5	22.0
From Outside Canada	245.3	19.6	84.7	206.6	556.2	44.1
Out-migrants to Different Province	328.6	161.3	203.0	447.7	1,140.5	28.8
Net Internal Migration, 1976 – 1981	−78.1	−36.7	−141.7	256.4	. . .	. . .

Source: Statistics Canada, *Census of Canada.*

Notes:
1. Mobility status is the relationship between a person's usual place of residence on Census Day 1981 and his/her usual place of residence five years earlier (June 1, 1976).
2. Movers are persons who, on Census Day, were living in a different dwelling than the one occupied five years earlier.
3. Non-migrants are movers who, on Census Day, were living within the same census subdivision they resided in five years earlier.
4. Migrants are movers who, on Census Day, were residing in a different census subdivision within Canada five years earlier (internal migrants) or who were living outside Canada five years earlier (external migrants). With respect to external migration, immigrants – persons who were residing outside Canada five years earlier but in Canada on Census Day – are counted. Emigrants – persons residing in Canada five years ago but not on Census Day – are not counted.
5. When interpreting the row entitled Out-migrants to Different Province, consider the geography (Canada and regions) as 1976 place of residence. In all other cases, the geography refers to 1981 place of residence.
6. Net Internal Migration, 1976 – 1981 is (From Different Province) minus (Out-migrants to Different Province).
7. Canadian residents stationed outside Canada in the Armed Services or the diplomatic service as well as persons in institutions are excluded.

Table 3.51 Mobility Status of Population 5 Years and Over by Age Groups, Ontario, 1976 to 1981

	5 – 14	15 – 19	20 – 24	25 – 29	30 – 34
			'000's		
Population 5 Years & Over	1,289.8	804.3	785.9	730.3	718.4
Non-movers	654.7	501.5	287.6	141.2	232.6
Movers	635.0	302.7	498.3	589.2	485.8
Non-migrants	342.5	160.7	254.6	306.0	256.9
Migrants	292.5	142.1	243.7	283.1	228.9
Within Same Province	210.0	96.4	177.3	207.5	163.3
From Different Province	42.0	22.5	33.4	39.3	33.6
From Outside Canada	40.5	23.2	33.0	36.3	31.9
Out-migrants to Different Province	52.5	27.3	60.1	63.3	45.0
Net Internal Migration, 1976 – 1981	−10.5	−4.8	−26.7	−23.9	−11.4

Table 3.51 (cont'd.)

	35 – 44	45 – 54	55 – 64	65 & Over	Total
			'000's		
Population 5 Years & Over	1,068.1	932.4	799.6	804.3	7,933.0
Non-movers	566.6	645.8	587.8	596.8	4,214.6
Movers	501.5	286.6	211.8	207.4	3,718.4
Non-migrants	271.4	163.4	118.1	119.6	1,993.1
Migrants	230.2	123.2	93.7	87.8	1,725.2
Within Same Province	159.7	86.9	66.2	62.0	1,229.4
From Different Province	36.9	19.0	11.8	12.1	250.6
From Outside Canada	33.6	17.4	15.7	13.8	245.3
Out-migrants to Different Province	42.9	18.6	11.0	7.9	328.6
Net Internal Migration, 1976 – 1981	−6.0	0.3	0.8	4.2	−78.1

Source: Statistics Canada, *Census of Canada.*

Note: See notes, Table 3.50.

Table 3.52 Mobility Status of Population 5 Years and Over by Marital Status, Ontario, 1976 to 1981

	Single (Never married)	Married	Widowed	Divorced	Total
			'000's		
Population 5 Years & Over	3,056.6	4,315.6	395.9	165.0	7,933.0
Non-movers	1,656.2	2,229.0	268.1	61.3	4,214.6
Movers	1,400.3	2,086.6	127.8	103.7	3,718.4
Non-migrants	743.0	1,106.2	77.7	66.2	1,993.1
Migrants	657.3	980.3	50.1	37.4	1,725.2
Within Same Province	457.3	711.8	33.0	27.3	1,229.4
From Different Province	103.6	134.2	6.6	6.2	250.6
From Outside Canada	96.4	134.4	10.5	3.9	245.3
Out-migrants to Different Province	139.5	175.5	4.9	8.7	328.6
Net Internal Migration, 1976 – 1981	–36.0	–41.3	1.7	–2.5	–78.1

Source: Statistics Canada, *Census of Canada*.

Notes: 1. Married includes separated.
2. See notes, Table 3.50.

Table 3.53 Mobility Status of Population 5 Years and Over by Mother Tongue, Ontario, 1976 to 1981

	English	French	Other	Total
		'000's		
Population 5 Years & Over	6,081.9	441.0	1,410.2	7,933.0
Non-movers	3,196.6	226.3	791.7	4,214.6
Movers	2,885.3	214.7	618.4	3,718.4
Non-migrants	1,549.8	115.6	327.8	1,993.1
Migrants	1,335.5	99.1	290.6	1,725.2
Within Same Province	1,018.3	63.0	148.1	1,229.4
From Different Province	195.3	31.9	23.3	250.6
From Outside Canada	121.9	4.2	119.2	245.3
Out-migrants to Different Province	266.7	33.9	28.0	328.6
Net Internal Migration, 1976 – 1981	–71.3	–2.0	–4.7	–78.1

Source: Statistics Canada, *Census of Canada*.

Note: See notes, Table 3.50.

Table 3.54 Mobility Status of Population 15 Years and Over by Highest Level of Schooling, Ontario, 1976 to 1981

				Certificate or Diploma		
	Less than Grade 9	Grades 9 – 10	Grades 11 – 13	Secondary School	Trades	Total
				'000's		
Population 15 Years & Over	1,160.2	1,051.7	930.5	861.8	224.5	1,086.3
Non-movers	772.4	592.2	526.7	440.3	131.0	571.3
Movers	387.8	459.5	403.8	421.5	93.4	514.9
Non-migrants	238.1	272.4	229.9	233.3	52.1	285.4
Migrants	149.7	187.1	173.9	188.2	41.3	229.5
Within Same Province	101.3	142.0	127.1	137.8	30.7	168.5
From Different Province	14.7	23.5	23.0	26.1	5.4	31.5
From Outside Canada	33.6	21.7	23.8	24.3	5.3	29.6
Out-migrants to Different Province	19.0	35.9	34.1	34.5	8.1	42.6
Net Internal Migration, 1976 – 1981	–4.3	–12.4	–11.2	–8.3	–2.7	–11.0

Table 3.54 (cont'd.)

	Other Non-university Only			University				
	Without Certificate or Diploma	With Certificate or Diploma	Total	Without Certificate, Diploma or Degree	With Certificate or Diploma	With Degree	Total	Total
				'000's				
Population 15 Years & Over	383.4	909.8	1,293.2	273.1	251.9	596.4	1,121.4	6,643.2
Non-movers	189.0	427.7	616.7	133.2	113.5	233.9	480.6	3,559.9
Movers	194.4	482.2	676.6	139.8	138.4	362.5	640.7	3,083.4
Non-migrants	102.4	237.8	340.2	66.5	63.2	155.0	284.6	1,650.7
Migrants	92.0	244.4	336.4	73.4	75.2	207.5	356.1	1,432.7
Within Same Province	66.7	180.4	247.1	49.3	48.5	135.5	233.4	1,019.4
From Different Province	13.5	33.0	46.5	13.8	15.0	40.5	69.3	208.6
From Outside Canada	11.7	30.9	42.6	10.3	11.7	31.5	53.4	204.8
Out-migrants to Different Province	18.6	48.7	67.3	16.3	15.8	45.1	77.3	276.1
Net Internal Migration, 1976 – 1981	–5.0	–15.6	–20.6	–2.5	–0.8	–4.6	–8.0	–67.6

Source: Statistics Canada, *Census of Canada.*

Notes: 1. Other Non-university Only refers to courses completed at post-secondary, non-university institutions which normally require a secondary school graduation certificate or equivalent for entrance, as well as to other courses in related or like institutions (such as private trade schools or adult vocational centres) which may not require secondary school graduation for entrance.

2. With Certificate or Diploma under University, includes trades certificate, non-university certificate and university certificate or diploma below bachelor level.

3. See notes, Table 3.50.

Table 3.55 Sex, Age, Marital Status and Educational Attainment of Migrants, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Males						
Age						
15 – 19	30	. . .	. . .	. . .	88	34.1
20 – 24	57	. . .	25	92	195	29.2
25 – 44	111	. . .	53	230	433	25.6
45 & Over	50	. . .	16	. . .	138	36.2
Marital Status						
Married	147	. . .	57	252	503	29.2
Single	91	. . .	42	151	316	28.8
Other	. . .	. . .	. . .	. . .	36	. . .
Total	247	81	102	425	855	28.9
Females						
Age						
15 – 19	29	. . .	. . .	. . .	87	33.3
20 – 24	51	. . .	25	95	190	26.8
25 – 44	120	. . .	44	200	407	29.5
45 & Over	60	. . .	22	. . .	155	38.7
Marital Status						
Married	153	50	50	250	503	30.4
Single	74	. . .	39	104	238	31.1
Other	33	. . .	. . .	. . .	99	33.3
Total	261	80	100	399	840	31.1
Both Sexes						
Age						
15 – 19	59	. . .	17	81	175	33.7
20 – 24	108	. . .	50	188	385	28.1
25 – 44	231	84	96	431	841	27.5
45 & Over	110	. . .	38	124	293	37.5
Marital Status						
Married	301	96	108	502	1,006	29.9
Single	165	54	81	255	554	29.8
Other	42	. . .	14	66	134	31.3
Current Educational Attainment						
0 – 8 Years Schooling	57	. . .	21	68	164	34.8
High School	242	75	87	406	808	30.0
Some Post-secondary	63	. . .	20	106	209	30.1
Post-secondary Certificate or Diploma	57	. . .	35	114	226	25.2
University Degree	90	. . .	40	132	287	31.4
Total	508	160	202	823	1,694	30.0

Source: Statistics Canada, *On the Move: Results of a Special Survey on Migration, The Labour Force*, May 1983, (71-001).

Notes: 1. Migrants are those persons 15 years of age and over who had moved interprovincially or internationally, on or since June 1, 1976, and who were residents of Canada during the week ending August 21, 1982.

2. Region refers to region of residence as of August, 1982.
3. Age, Marital Status and Current Educational Attainment refer to the status of respondents as of reference week ending August 21, 1982.
4. High School includes persons who have either completed their secondary education or had some secondary education, but who have not had any post-secondary education.
5. Data exclude Yukon and Northwest Territories.

Table 3.56 Sex, Age, Marital Status and Educational Attainment of Non-Migrants, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Males						
Age						
15 – 19	361	104	280	262	1,006	35.9
20 – 24	361	91	291	244	987	36.6
25 – 44	1,158	282	931	805	3,177	36.4
45 & Over	1,149	273	804	869	3,095	37.1
Marital Status						
Married	1,988	482	1,505	1,436	5,410	36.7
Single	861	230	700	620	2,411	35.7
Other	181	. .	102	123	443	40.9
Total	3,030	749	2,307	2,180	8,265	36.7
Females						
Age						
15 – 19	346	101	270	250	967	35.8
20 – 24	356	91	284	237	969	36.7
25 – 44	1,174	279	944	821	3,216	36.5
45 & Over	1,308	303	939	951	3,502	37.4
Marital Status						
Married	1,957	474	1,478	1,412	5,323	36.8
Single	723	190	598	478	1,987	36.4
Other	504	111	361	368	1,344	37.5
Total	3,184	775	2,437	2,258	8,654	36.8
Both Sexes						
Age						
15 – 19	707	206	550	510	1,973	35.8
20 – 24	718	182	576	481	1,956	36.7
25 – 44	2,332	559	1,875	1,627	6,393	36.5
45 & Over	2,457	577	1,743	1,822	6,597	37.2
Marital Status						
Married	3,945	957	2,983	2,848	10,733	36.8
Single	1,584	418	1,298	1,098	4,398	36.0
Other	685	149	462	491	1,788	38.3
Current Educational Attainment						
0 – 8 Years Schooling	1,233	437	1,414	749	3,835	32.2
High School	3,289	753	2,264	2,469	8,775	37.5
Some Post-secondary	499	98	285	411	1,294	38.6
Post-secondary Certificate or Diploma	628	149	464	441	1,681	37.4
University Degree	563	86	316	367	1,333	42.2
Total	6,214	1,525	4,743	4,439	16,918	36.7

Source: Statistics Canada, *On the Move: Results of a Special Survey on Migration, The Labour Force, May 1983, (71-001).*

Notes: 1. Non-migrants are those persons 15 years of age and over who were residents of a particular province during the week ending August 21, 1982 and who had lived in that province since June 1, 1976.

2. See Table 3.55, notes 2 to 5.

Table 3.57 Labour Force Status of Migrants, Ontario and Other Regions of Canada, 1982

	Total Migrants	Labour Force Status After Move			
		Employed	Un-employed	Not in Labour Force	Un-determined
		'000's			
Labour Force Status Prior to Move					
Ontario					
Employed	237	140	48	37	. . .
Unemployed	35	18	. . .	. . .	. . .
Not in Labour Force	199	31	23	143	. . .
Undetermined	36	. . .	. . .	. . .	20
Total	508	195	85	192	35
Atlantic					
Employed	83	37	28	15	. . .
Unemployed	11	5	5	. . .	. . .
Not in Labour Force	54	8	7	38	. . .
Undetermined	13	. . .	. . .	. . .	9
Total	161	51	41	55	14
Quebec					
Employed	98	53	26	18	. . .
Unemployed	. .	. . .	. . .	. . .	. . .
Not in Labour Force	83	25	. . .	43	. . .
Undetermined	. .	. . .	. . .	. . .	. . .
Total	202	82	45	64	. .
West					
Employed	422	254	87	66	. . .
Unemployed	64	. . .	. . .	. . .	. . .
Not in Labour Force	283	63	32	183	. . .
Undetermined	55	. . .	. . .	. . .	32
Total	824	366	144	261	52
Canada					
Employed	840	483	189	136	33
Unemployed	121	64	44	. . .	. . .
Not in Labour Force	618	126	74	408	. . .
Undetermined	114	20	. . .	17	68
Total	1,694	694	315	573	112
Ontario % of Canada					
Employed	28.2	29.0	25.4	27.2	. . .
Unemployed	28.9	28.1	. . .	. . .	. . .
Not in Labour Force	32.2	24.6	31.1	35.0	. . .
Undetermined	31.6	. . .	. . .	. . .	29.4
Total	30.0	28.1	27.0	33.5	31.3

Source: Statistics Canada, *On the Move: Results of a Special Survey on Migration, The Labour Force, May 1983, (71-001).*

Notes:
1. Labour Force Status Prior to Move refers to labour force status of respondents for the one-month period prior to the most recent move.
2. Labour Force Status After Move refers to labour force status of respondents for the one-month period after the most recent move.
3. See Table 3.55, notes 1, 2 and 5.

Table 3.58 Moves of Migrants by Age and Sex, Ontario and Other Regions of Canada, 1982

	One Move	Two Moves	Three Moves or More	Total
		'000's		
Ontario				
Both Sexes				
Age				
15 – 19	39	. . .	. . .	59
20 – 24	65	33	. . .	108
25 – 44	149	59	22	231
45 & Over	90	. . .	. . .	110
Male	158	66	23	247
Female	185	54	21	261
Total	343	120	45	508
Atlantic				
Both Sexes				
Age				
15 – 19	9	7	. . .	18
20 – 24	12	18	8	39
25 – 44	45	28	10	83
45 & Over	15	5	. .	22
Male	37	31	13	81
Female	44	27	9	80
Total	81	58	22	161
Quebec				
Both Sexes				
Age				
15 – 19	. . .	. . .	. . .	17
20 – 24	20	18	. . .	50
25 – 44	55	31	. . .	96
45 & Over	19	. . .	. . .	38
Male	47	33	22	102
Female	53	34	. . .	100
Total	100	67	35	202
West				
Both Sexes				
Age				
15 – 19	. . .	. . .	. . .	81
20 – 24	122	41	. . .	188
25 – 44	319	85	. . .	431
45 & Over	101	. . .	. . .	124
Male	303	89	. . .	425
Female	300	69	. . .	399
Total	603	158	63	823
Canada				
Both Sexes				
Age				
15 – 19	115	48	12	175
20 – 24	219	111	54	384
25 – 44	569	202	69	840
45 & Over	224	40	29	293
Male	545	218	92	855
Female	583	184	73	840
Total	1,128	402	165	1,695

Source: Statistics Canada, *On the Move: Results of a Special Survey on Migration, The Labour Force*, May 1983, (71-001).

Notes: 1. Number of moves defines the number of times respondents moved interprovincially or internationally during the period June 1, 1976 to August 21, 1982.

2. See Table 3.55, notes 1, 3 and 5.

Table 3.59 Marriages and Divorces, Ontario and Other Regions of Canada, Selected Years, 1921 to 1985

Year	Marriages	Marriage Rate Per 1,000 Population	Divorces	Divorce Rate Per 100,000 Population
	#		#	
1985^{p}				
Ontario	72,891	8.0	20,854	230.1
Atlantic	16,295	7.1	4,471	193.8
Quebec	37,026	5.6	15,814	240.2
West	57,884	7.8	20,841	281.4
Canada	184,096	7.3	61,980	244.4
Ontario % of Canada[2]	39.6	. . .	33.6	. . .
Ontario				
1984	71,922	8.0	21,636	241.9
1983	70,893	8.0	23,073	261.4
1982	71,595	8.2	23,644	271.3
1981	70,281	8.1	21,680	251.4
1980	68,840	8.0	22,442	261.9
1979	67,980	8.0	21,793	256.3
1978	67,491	8.0	20,534	243.3
1977	67,730	8.1	19,735	236.3
1976	69,364	8.4	18,589	224.9
1975	72,209	8.8	17,485	214.0
1974	72,716	9.0	15,277	189.7
1973	72,371	9.2	13,781	174.2
1972	72,278	9.3	13,190	168.9
1971	69,590	9.0	12,211	158.5
1966	54,571	7.8	4,101	58.9
1961	44,434	7.1	2,739	43.9
1956	46,282	8.6	2,478	45.8
1951	45,198	9.8	2,109	45.9
1941	43,270	11.4	950	25.1
1931	23,771	6.9	91	2.7
1921	24,871	8.5	96	3.3

Sources: Statistics Canada, *Vital Statistics, Marriages and Divorces (84-205).*
Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. The Divorce Act (Canada), in force July 1, 1968, broadened the availability of divorce.
2. See note, Table 3.2.

Table 3.60 Marriage and Divorce Rates Based on Population at Risk, Ontario, Census Years, 1951 to 1981

	Marriage Rates per 1,000 Single Population 15 Years & Over		Divorce Rates per 100,000 Married Population	
Year	Male	Female	Male	Female
1981	71.5	86.3	. .	. .
1976	76.7	95.3	325.6	551.1
1971	87.9	110.7	259.5	435.6
1966	81.6	104.9	113.2	141.8
1961	79.9	106.7	86.0	100.7
1956	89.3	121.1	80.0	112.2
1951	92.8	119.6	75.2	113.3

Sources: Office of the Registrar General, *Ontario Vital Statistics*.
Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. Married population includes separated.
2. See Table 3.59, note 1.
3. Rates calculated using population data in Table 3.16.

Table 3.61 Marriages by Age of Bride, Ontario, Selected Years, 1951 to 1983

Year	Under 15	15 – 19	20 – 24	25 – 29	30 – 34
			number		
1983	–	7,573	31,192	16.377	6,796
1982	–	8,927	32,433	15,274	6,362
1981	–	9,901	31,918	14,216	5,974
1980	–	11,043	31,372	13,126	5,612
1979	–	12,106	30,806	12,258	5,120
1978	11	13,344	30,048	11,632	4,857
1977	29	14,900	29,669	11,174	4,486
1976	27	16,491	30,296	10,844	4,038
1975	33	18,690	31,222	10,702	3,899
1974	49	20,119	31,574	9,978	3,454
1973	38	20,876	31,356	9,356	3,349
1972	67	21,048	31,946	8,641	3,239
1971	42	19,693	31,700	7,857	3,006
1966	31	18,496	23,680	5,370	1,999
1961	54	14,853	17,655	4,887	2,294
1956	339	13,576	18,327	6,528	2,808
1951	253	11,694	18,415	7,174	2,904

Table 3.61 (cont'd.)

Year	35 – 39	40 – 44	45+	Not Stated	Total
			number		
1983	3,330	1,945	3,666	14	70,893
1982	3,128	1,757	3,707	7	71,595
1981	2,778	1,631	3,854	9	70,281
1980	2,534	1,484	3,668	1	68,840
1979	2,428	1,472	3,789	1	67,980
1978	2,319	1,464	3,812	4	67,491
1977	2,147	1,357	3,964	4	67,730
1976	2,112	1,431	4,121	4	69,364
1975	2,069	1,434	4,158	2	72,209
1974	1,950	1,348	4,244	–	72,716
1973	1,783	1,458	4,152	3	72,371
1972	1,790	1,428	4,119	–	72,278
1971	1,754	1,405	4,130	3	69,590
1966	1,318	1,012	2,664	1	54,571
1961	1,367	896	2,424	4	44,434
1956	1,458	1,005	2,239	2	46,282
1951	1,590	1,031	2,131	6	45,198

Source: Office of the Registrar General, *Ontario Vital Statistics.*

Note: Data in 1951 and 1956 are for brides under age 16 and the 16 – 19 age group.

Table 3.62 Marriages by Age of Groom, Ontario, Selected Years, 1951 to 1983

Year	Under 15	15 – 19	20 – 24	25 – 29	30 – 34
			number		
1983	–	1,725	25,009	21,368	9,615
1982	–	2,284	26,981	20,609	9,223
1981	–	2,529	27,440	19,684	8,764
1980	–	2,962	28,194	18,550	7,971
1979	–	3,333	28,442	17,760	7,582
1978	–	3,727	28,722	17,189	7,121
1977	1	4,279	29,374	16,798	6,795
1976	–	5,035	30,459	17,243	6,234
1975	–	5,632	32,750	17,195	6,118
1974	–	6,392	33,792	16,833	5,611
1973	–	6,411	34,618	16,205	5,297
1972	1	6,381	35,479	15,595	5,062
1971	–	5,612	35,319	14,299	4,754
1966	–	5,307	27,303	11,503	3,864
1961	–	3,795	20,435	10,282	3,926
1956	..	3,266	20,528	11,998	4,376
1951	..	3,182	19,582	11,136	4,395

Table 3.62 (cont'd.)

Year	35 – 39	40 – 44	45 +	Not Stated	Total
			number		
1983	5,008	2,594	5,563	11	70,893
1982	4,478	2,401	5,611	8	71,595
1981	4,052	2,235	5,568	9	70,281
1980	3,682	2,090	5,390	1	68,840
1979	3,426	2,065	5,371	1	67,980
1978	3,323	1,987	5,420	2	67,730
1977	3,065	1,966	5,448	4	67,491
1976	2,921	1,909	5,558	5	69,364
1975	2,990	1,977	5,545	2	72,209
1974	2,661	1,911	5,516	–	72,716
1973	2,602	1,851	5,386	1	72,371
1972	2,540	1,904	5,315	1	72,278
1971	2,554	1,805	5,243	4	69,590
1966	1,992	1,228	3,372	2	54,571
1961	1,894	1,049	3,052	1	44,434
1956	1,925	1,141	3,045	3	46,282
1951	2,357	1,316	3,225	5	45,198

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Note: In 1951 and 1956, the age group 15 – 19 includes grooms under age 18 and those 18 and 19 years of age.

Table 3.63 **Average Age at Marriage, Ontario and Canada, Selected Years, 1921 to 1985**

	Ontario		Canada	
Year	Brides	Grooms	Brides	Grooms
1985	27.6	30.2	27.4	30.0
1984	27.3	30.0	27.2	29.8
1983	27.1	29.7	26.8	29.4
1982	26.7	29.4	26.4	29.0
1981	26.5	29.2	26.2	28.8
1980	26.2	28.9	25.9	28.5
1979	26.1	28.7	25.8	28.4
1978	25.9	28.6	25.6	28.2
1977	25.7	28.4	25.4	28.1
1976	25.6	28.2	25.3	27.9
1975	25.3	27.9	25.0	27.6
1974	25.0	27.7	24.7	27.4
1973	25.1	27.7	24.8	27.3
1972	25.1	27.5	24.7	27.1
1971	25.1	27.6	24.8	27.3
1966	24.4	27.1	24.4	27.0
1961	24.9	27.8	24.7	27.7
1956	25.1	27.9	25.0	27.9
1951	25.4	28.3	25.3	28.3
1941	25.2	28.5	25.1	28.9
1931	24.9	28.8	24.9	29.2
1921	25.9	29.7	25.5	29.9

Source: Statistics Canada, *Vital Statistics, Marriages and Divorces, (84-205)*.

Note: Data exclude Newfoundland, Yukon and Northwest Territories prior to 1951 and Quebec in 1921.

Table 3.64 Age-Specific Divorce Rates by Sex, Ontario, 1983 to 1985

Year	15 – 19		20 – 24		25 – 29		30 – 34		35 – 39		40 – 44		45 – 49		50 – 54		55 & Over	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1985	1.0	2.8	7.1	10.0	14.4	16.2	16.5	15.0	14.0	12.3	11.4	10.0	8.9	7.2	6.2	4.9	2.3	1.7
1984	1.9	3.7	8.5	11.5	15.6	16.9	17.1	15.7	14.3	12.5	11.7	10.7	9.6	7.2	6.4	4.8	2.4	1.8
1983	2.4	3.6	8.8	12.4	17.9	19.4	18.9	16.8	15.4	13.7	12.5	10.6	9.6	7.5	6.5	4.9	2.4	1.9

Source: Statistics Canada, *Vital Statistics, Marriages and Divorces, (84-205).*

Note: Rates are calculated per 1,000 married male population and 1,000 married female population.

Table 3.65 Divorces by Duration of Marriage, Ontario, 1978 to 1985

Year	Under 1 Year	Years						Total Divorces
		1 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25+	
					number			
1985	41	2,706	6,374	4,701	2,909	1,774	2,349	20,854
1984	50	2,929	6,706	4,951	2,806	1,806	2,388	21,636
1983	42	3,109	7,452	5,237	2,881	1,883	2,469	23,073
1982	44	3,390	7,893	5,062	2,799	2,006	2,450	23,644
1981	43	3,047	7,386	4,431	2,527	1,809	2,437	21,680
1980	46	3,365	7,689	4,384	2,556	1,838	2,564	22,442
1979	36	3,383	7,315	4,322	2,393	1,890	2,454	21,793
1978	33	3,225	6,725	3,885	2,412	1,825	2,429	20,534

Source: Statistics Canada, *Vital Statistics, Marriages and Divorces, (84-205).*

Note: Divorces of not stated duration have been distributed according to weights of known duration.

Table 3.66 Divorces by Number of Dependent Children, Ontario, 1978 to 1985

Year	Children						Total Divorces
	None	One	Two	Three	Four	Five or More	
				number			
1985	11,115	4,190	4,166	1,114	206	63	20,854
1984	11,228	4,468	4,372	1,237	263	68	21,636
1983	11,618	4,891	4,797	1,385	304	78	23,073
1982	12,177	4,980	4,691	1,405	305	86	23,644
1981	11,074	4,666	4,199	1,346	308	87	21,680
1980	11,185	4,822	4,459	1,487	383	106	22,442
1979	10,312	5,072	4,413	1,427	427	142	21,793
1978	9,481	4,624	4,260	1,525	466	178	20,534

Source: Statistics Canada, *Vital Statistics, Marriages and Divorces, (84-205).*

Table 3.67 Francophone Population by Sex, Ontario and Other Regions of Canada, 1981

	Male	Female	Total	Francophone % of Total
		number		
Ontario	229,225	246,380	475,605	5.5
Atlantic	138,855	139,950	278,795	12.5
Quebec	2,608,015	2,698,995	5,307,015	82.4
West	94,815	92,870	187,675	2.7
Canada	3,070,905	3,178,190	6,249,095	25.7
Ontario % of Canada	7.5	7.8	7.6	. . .

Source: Statistics Canada, *Census of Canada*, (92-902).

Note: Data are based on Mother Tongue.

Table 3.68 Francophone Population by Age Group and Sex, Ontario, 1981

	Male	Female	Total
		number	
0 – 4	13,290	12,595	25,885
5 – 9	14,005	13,705	27,710
10 – 14	15,850	15,785	31,635
15 – 19	21,690	21,605	43,285
20 – 29	42,330	45,030	87,360
30 – 44	53,120	56,835	109,955
45 – 54	28,625	29,825	58,450
55 – 64	21,985	24,595	46,580
65 +	18,335	26,400	44,735
Total	229,225	246,380	475,605

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Note: See note, Table 3.67.

Table 3.69 Francophone Population by Birthplace, Ontario, 1981

	Francophones	
	#	%
Born in Canada		
Ontario	475,640	72.8
Atlantic	33,315	5.1
Quebec	116,355	17.8
West	10,735	1.6
Total	636,045	97.4
Born Outside Canada	16,860	2.6
Total	652,905	100.0

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Notes: 1. See Table 3.19, note 1.
2. Data are based on Ethnic Origin.

Table 3.70 Francophone Population, Areas Designated for French Language Services by Sex, Ontario, 1981

	Male	Female	Total	% of Area Total
		number		
Algoma	6,920	6,440	13,355	10.0
Cochrane	23,770	22,695	46,460	48.0
Essex				
Anderdon	240	255	495	9.4
Belle River	390	430	815	22.9
Colchester North	130	140	270	7.7
Maidstone	415	445	865	10.3
Rochester	530	505	1,030	23.4
Sandwich South	225	205	425	8.8
Sandwich West	595	615	1,210	8.7
Tecumseh	440	515	960	15.0
Tilbury North	650	540	1,190	36.5
Tilbury West	130	110	235	14.4
Windsor	4,865	5,805	10,670	5.6
Hamilton-Wentworth				
Hamilton	2,700	3,055	5,750	1.9
Kenora				
Ignace	195	150	340	13.6
Kent				
Dover	640	545	1,180	28.0
Tilbury	360	425	790	18.4
Tilbury East	95	75	170	6.7
Niagara				
Port Colborne	630	630	1,265	6.6
Welland	3,485	3,580	7,065	15.6
Nipissing	11,440	11,765	23,210	28.9
Ottawa-Carleton	47,975	56,985	104,960	19.2
Peel				
Mississauga	2,470	3,160	5,630	1.8
Prescott & Russell	19,980	20,055	40,030	75.8
Renfrew				
Pembroke	560	625	1,180	8.5
Stafford	105	115	220	6.3
Westmeath	70	80	150	7.0
Simcoe				
Essa	895	540	1,435	10.5
Penetanguishene	680	770	1,445	27.2
Tiny	1,020	835	1,855	25.9
Stormont, Dundas & Glengarry	13,210	13,890	27,105	20.7
Sudbury R.M.	22,870	24,420	47,290	29.6
Sudbury District	5,020	4,660	9,680	35.8
Thunder Bay				
Beardmore	60	35	95	16.3
Geraldton	395	375	770	26.0
Longlac	605	550	1,155	47.3
Manitouwadge	305	265	565	17.8
Marathon	115	110	225	9.9
Nakina	175	155	330	33.8
Terrace Bay	150	115	270	10.2
Timiskaming	5,320	5,585	10,905	26.4
Toronto (M.M.)	14,280	17,840	32,115	1.5

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Notes: 1. See note, Table 3.67.

2. Areas designated for French language services have a Francophone population of at least 5% or 5,000 persons.

Table 3.71 Francophone Population, Areas Designated for French Language Services by Age Group and Sex, Ontario, 1981

	0 – 14		15 – 19		20 – 24		25 – 29	
	Male	Female	Male	Female	Male	Female	Male	Female
				number				
Algoma	1,445	1,370	615	655	780	765	710	640
Cochrane	5,890	5,605	2,625	2,610	2,535	2,320	2,015	1,910
Essex								
Anderdon	25	20	10	25	15	10	15	15
Belle River	45	45	25	25	20	20	10	20
Colchester North	25	30	10	–	–	5	15	10
Maidstone	45	65	30	25	20	25	30	25
Rochester	110	105	65	60	45	20	25	30
Sandwich South	35	35	25	15	10	10	10	5
Sandwich West	45	45	40	40	35	20	25	30
Tecumseh	50	55	35	25	25	25	20	30
Tilbury North	135	100	70	70	55	35	50	35
Tilbury West	20	15	15	10	5	5	5	10
Windsor	525	505	285	305	295	300	310	315
Hamilton-Wentworth								
Hamilton	300	335	195	205	230	250	245	255
Kenora								
Ignace	40	35	20	10	25	10	25	20
Kent								
Dover	120	110	75	45	55	40	50	35
Tilbury	30	35	20	20	20	20	25	25
Tilbury East	15	10	–	5	10	5	10	5
Niagara								
Port Colborne	80	75	40	50	50	45	40	35
Welland	650	585	320	360	320	340	325	340
Nipissing	2,415	2,410	1,295	1,285	1,025	970	795	830
Ottawa-Carleton	8,910	8,765	4,450	4,735	5,240	6,170	4,980	5,545
Peel								
Mississauga	420	400	160	205	200	300	275	360
Prescott & Russell	4,770	4,705	2,210	2,160	1,915	1,720	1,770	1,735
Renfrew								
Pembroke	55	45	35	30	60	40	50	45
Stafford	10	15	10	15	10	5	5	5
Westmeath	–	15	5	5	5	–	5	–
Simcoe								
Essa	100	120	320	80	165	85	75	70
Penetanguishene	80	55	70	55	65	40	35	35
Tiny	175	165	115	110	95	60	80	50
Stormont, Dundas & Glengarry	2,705	2,620	1,375	1,275	1,165	1,100	1,005	1,050
Sudbury R.M.	5,410	5,250	2,675	2,610	2,005	2,370	1,870	2,115
Sudbury District	1,180	1,095	560	505	410	385	350	365
Thunder Bay								
Beardmore	5	–	10	–	–	–	5	5
Geraldton	70	75	45	50	55	50	25	35
Longlac	165	190	70	55	75	50	60	70
Manitouwadge	75	65	25	30	30	30	30	35
Marathon	15	–	5	10	5	10	5	10
Nakina	75	65	15	10	10	15	20	25
Terrace Bay	20	20	10	5	15	15	20	15
Timiskaming	1,270	1,250	590	640	460	445	375	415
Toronto (M.M.)	1,620	1,645	875	1,020	1,405	1,885	1,585	2,145

Table 3.71 (cont'd.)

	30 – 34		35 – 44		45 – 54	
	Male	Female	Male	Female	Male	Female
			number			
Algoma	640	530	990	930	875	740
Cochrane	1,845	1,750	2,870	2,775	2,540	2,300
Essex						
Anderdon	20	15	30	45	40	40
Belle River	25	25	65	60	60	55
Colchester North	10	10	20	20	20	20
Maidstone	25	30	65	65	65	80
Rochester	35	30	105	85	50	60
Sandwich South	15	10	50	50	35	30
Sandwich West	35	35	100	110	110	105
Tecumseh	25	35	70	75	75	70
Tilbury North	40	35	80	70	80	60
Tilbury West	15	10	20	10	20	20
Windsor	335	370	715	665	755	880
Hamilton-Wentworth						
Hamilton	265	230	430	500	455	440
Kenora						
Ignace	10	15	30	20	25	25
Kent						
Dover	40	35	85	55	75	70
Tilbury	25	15	45	35	50	65
Tilbury East	10	10	10	15	20	15
Niagara						
Port Colborne	60	65	100	95	115	115
Welland	310	270	485	465	430	460
Nipissing	805	840	1,455	1,525	1,435	1,370
Ottawa-Carleton	4,230	4,945	6,620	7,815	5,495	6,480
Peel						
Mississauga	280	425	530	710	375	430
Prescott & Russell	1,630	1,570	2,505	2,335	1,800	1,840
Renfrew						
Pembroke	40	40	60	85	90	90
Stafford	15	5	5	20	25	15
Westmeath	5	10	10	5	15	10
Simcoe						
Essa	85	65	105	75	30	10
Penetanguishene	35	45	95	85	85	100
Tiny	75	60	160	110	130	110
Stormont, Dundas & Glengarry	1,035	1,130	1,735	1,685	1,495	1,605
Sudbury R.M.	1,910	1,970	2,985	3,295	2,825	2,905
Sudbury District	360	325	615	635	635	495
Thunder Bay						
Beardmore	–	–	10	5	15	10
Geraldton	25	25	40	50	70	65
Longlac	70	45	70	60	55	45
Manitouwadge	30	15	40	40	35	30
Marathon	–	10	30	20	25	20
Nakina	20	20	25	20	10	5
Terrace Bay	20	10	30	15	20	10
Timiskaming	405	415	635	685	630	630
Toronto (M.M.)	1,610	2,050	2,545	3,055	2,145	2,590

Table 3.71 (cont'd.)

	55 – 59		60 – 64		65 +	
	Male	Female	Male	Female	Male	Female
			number			
Algoma	295	235	235	180	335	390
Cochrane	1,015	965	820	755	1,615	1,695
Essex						
Anderdon	20	30	25	10	35	50
Belle River	25	30	30	25	85	115
Colchester North	5	5	10	15	15	20
Maidstone	35	40	30	35	65	65
Rochester	40	30	25	20	50	55
Sandwich South	15	10	10	10	20	20
Sandwich West	55	75	45	40	95	115
Tecumseh	30	35	30	40	85	120
Tilbury North	40	45	30	30	70	50
Tilbury West	10	5	10	10	–	10
Windsor	415	485	370	485	850	1,495
Hamilton-Wentworth						
Hamilton	215	230	140	165	225	440
Kenora						
Ignace	5	5	–	–	5	–
Kent						
Dover	40	40	40	30	65	75
Tilbury	30	35	40	50	75	120
Tilbury East	10	5	5	–	15	5
Niagara						
Port Colborne	65	45	30	40	65	70
Welland	205	240	165	195	270	315
Nipissing	585	610	500	550	1,135	1,385
Ottawa-Carleton	2,390	3,065	2,015	2,735	3,640	6,730
Peel						
Mississauga	105	120	60	65	60	135
Prescott & Russell	860	955	765	790	1,745	2,245
Renfrew						
Pembroke	60	60	40	35	80	140
Stafford	5	5	5	5	5	20
Westmeath	10	10	5	5	10	10
Simcoe						
Essa	10	5	5	5	10	5
Penetanguishene	55	60	45	60	120	235
Tiny	35	30	45	45	110	90
Stormont, Dundas & Glengarry	715	830	635	710	1,345	1,895
Sudbury R.M.	1,100	1,155	745	910	1,355	1,845
Sudbury District	270	240	235	225	400	400
Thunder Bay						
Beardmore	5	–	5	–	–	–
Geraldton	25	15	15	5	15	10
Longlac	15	10	5	5	15	5
Manitouwadge	15	10	10	5	–	–
Marathon	15	10	–	5	15	15
Nakina	–	5	–	–	–	5
Terrace Bay	5	10	5	5	5	5
Timiskaming	250	270	210	285	500	540
Toronto (M.M.)	990	1,120	630	715	875	1,605

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Note: See notes, Table 3.70.

Table 3.72 Francophone Population by Sex, Age Group and Marital Status, Ontario, 1981

	Never Married	Married	Widowed	Divorced	Separated	Total
				number		
Male						
15 – 19	21,290	365	15	5	15	21,690
20 – 29	20,130	21,170	25	230	770	42,325
30 – 44	5,460	44,020	135	1,435	2,070	53,120
45 – 54	2,345	23,575	430	1,025	1,245	28,620
55 – 64	1,970	17,610	825	645	930	21,980
65 +	1,800	12,675	2,830	295	735	18,335
Total	52,995	119,415	4,260	3,635	5,765	186,070
Female						
15 – 19	20,000	1,555	10	5	35	21,605
20 – 29	14,350	28,530	115	645	1,395	45,035
30 – 44	4,200	46,660	770	2,460	2,750	56,840
45 – 54	1,605	23,630	1,960	1,265	1,370	29,830
55 – 64	1,710	16,645	4,635	700	905	24,595
65 +	2,680	9,200	13,580	305	640	26,405
Total	44,545	126,220	21,070	5,380	7,095	204,310
Total						
15 – 19	41,290	1,920	25	10	50	43,295
20 – 29	34,480	49,700	140	875	2,165	87,360
30 – 44	9,660	90,680	905	3,895	4,820	109,960
45 – 54	3,950	47,205	2,390	2,290	2,615	58,450
55 – 64	3,680	34,255	5,460	1,345	1,835	46,575
65 +	4,480	21,875	16,410	600	1,375	44,740
Total	97,540	245,635	25,330	9,015	12,860	390,380

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Notes: 1. See Table 3.16, note 2.
2. See note, Table 3.67.

Table 3.73 Francophone Families by Age of Family Head and Family Structure, Ontario, 1981

	Husband -Wife	Single Parent			Total
		Male	Female	Total	
			number		
15 – 19	305	5	145	150	455
20 – 29	20,695	135	2,055	2,190	22,885
30 – 44	43,280	905	4,945	5,850	49,130
45 – 54	23,130	865	2,815	3,680	26,810
55 – 64	17,215	490	1,865	2,355	19,570
65 +	11,920	345	1,515	1,860	13,780
Total	116,535	2,745	13,335	16,080	132,615

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Notes: 1. See note, Table 3.67.
2. See Table 4.1, note 2.

Table 3.74 Francophone Families by Number of Children at Home and Age of Family Head, Ontario, 1981

	15 – 19	20 – 29	30 – 44	45 – 54	55 – 64	65 +	Total
				number			
Without Children	220	8,810	4,980	4,670	8,650	9,745	37,070
With Children							
One	210	7,360	9,595	7,350	6,095	3,090	33,715
Two	10	5,420	19,720	7,365	2,910	690	36,110
Three	5	1,130	10,370	4,325	1,250	165	17,245
Four	–	135	3,315	2,035	420	60	5,970
Five or More	–	25	1,140	1,065	240	30	2,505
Total	230	14,075	44,145	22,145	10,915	4,035	95,545
Total	450	22,885	49,125	26,815	19,565	13,780	132,615

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Note: See notes, Table 3.73.

Table 3.75 Francophone Population by Sex, Age Group and Labour Force Activity, Ontario, 1981

	Labour Force			Not In Labour Force	Population 15 Years & Over	Participation Rate	Unemployment Rate
	Employed	Unemployed	Total				
			number			percent	
Male							
15 – 19	8,555	1,435	9,990	11,360	21,350	46.8	14.4
20 – 29	36,255	3,090	39,345	2,565	41,910	93.9	7.9
30 – 44	47,835	1,955	49,790	2,610	52,400	95.0	3.9
45 – 54	24,575	1,160	25,735	2,920	28,655	89.8	4.5
55 – 64	14,350	795	15,145	6,070	21,215	71.4	5.2
65 +	2,135	105	2,240	14,910	17,150	13.1	4.7
Total	133,700	8,545	142,245	40,440	182,685	77.9	6.0
Female							
15 – 19	7,725	1,430	9,155	12,440	21,595	42.4	15.6
20 – 29	28,265	3,295	31,560	13,135	44,695	70.6	10.4
30 – 44	33,305	2,270	35,575	21,080	56,655	62.8	6.4
45 – 54	14,460	1,055	15,515	14,165	29,680	52.3	6.8
55 – 64	7,135	425	7,560	16,890	24,450	30.9	5.6
65 +	1,530	70	1,600	21,960	23,560	6.8	4.4
Total	92,420	8,540	100,960	99,675	200,635	50.3	8.5
Total							
15 – 19	16,280	2,865	19,145	23,800	42,945	44.6	15.0
20 – 29	64,520	6,385	70,905	15,700	86,605	81.9	9.0
30 – 44	81,140	4,225	85,365	23,690	109,055	78.3	4.9
45 – 54	39,035	2,215	41,250	17,085	58,335	70.7	5.4
55 – 64	21,485	1,220	22,705	22,960	45,665	49.7	5.4
65 +	3,665	175	3,840	36,870	40,710	9.4	4.6
Total	226,120	17,085	243,205	140,115	383,320	63.4	7.0

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Notes: 1. See note, Table 3.18.
2. See note, Table 3.67.

Table 3.76 Francophone Labour Force by Occupation and Sex, Ontario, 1981

	Male	Female
	number	
Managerial, Administrative & Related	12,760	5,440
Natural Sciences, Engineering & Mathematics	4,460	835
Social Sciences & Related	1,455	2,085
Religion	495	475
Teaching & Related	3,980	8,680
Medicine & Health	1,685	6,370
Artistic, Literary, Recreational & Related	1,965	1,895
Clerical & Related	10,570	36,545
Sales	9,920	8,385
Service	14,795	17,090
Farming, Horticultural & Animal Husbandry	4,770	1,695
Fishing, Trapping & Related	30	–
Forestry & Logging	2,800	215
Mining & Quarrying Including Oil & Gas Field	5,545	55
Processing	9,690	1,620
Machining & Related	6,535	485
Product Fabricating, Assembling & Repairing	14,975	3,720
Construction Trades	15,625	330
Transport Equipment Operating	9,675	1,005
Material Handling & Related n.e.c.	4,270	810
Other Crafts & Equipment Operating	2,225	565
Occupations n.e.c.	2,855	585
All Occupations	141,090	98,875
Not Applicable	1,145	2,100
Total	142,240	100,970

Source Statistics Canada, *Census of Canada, Labour Force – Occupation by Cultural Characteristics*, (92-918).

Notes: 1. See note, Table 3.67.
2. See Table 8.14, note 2.

Table 3.77 Income Distribution of Francophone Population and Total Population 15 Years and Over by Sex, Ontario, 1980

	Francophones		Total Population	
	Male	Female	Male	Female
		percent		
Without Income	6.6	25.3	6.2	19.8
Under $2,000	6.3	13.0	7.5	14.0
2,000 – 3,999	5.4	10.3	5.5	10.4
4,000 – 5,999	8.2	13.7	7.0	13.1
6,000 – 7,999	6.0	7.3	5.3	7.9
8,000 – 9,999	5.6	5.7	5.1	6.8
10,000 – 11,999	5.1	5.4	5.2	6.7
12,000 – 14,999	8.2	6.7	8.5	8.1
15,000 – 24,999	31.3	9.8	29.7	10.3
25,000 & Over	17.4	2.6	19.9	2.8
Total	100.0	100.0	100.0	100.0
		dollars		
Average Income	16,596	8,407	17,517	8,635
Median Income	15,579	6,064	15,840	6,621

Source: Statistics Canada, *Census of Canada, Total Income*, (92-928).

Notes: 1. See note, Table 3.67.
2. Under $2,000 includes loss.
3. Average Income and Median Income exclude population without income.

Table 3.78 Income Distribution of Francophone Population with Income by County, Ontario, 1980

	Under $5,000	$5,000 - 9,999	$10,000 - 14,999	$15,000 - 19,999	$20,000 - 24,999	$25,000 - 34,999	$35,000 & Over	Total
				number				
Algoma (D)	2,360	1,600	850	880	1,210	1,245	340	8,480
Brant	260	285	125	185	150	. .	. .	1,040
Bruce	190	65	50	40	55	120	35	560
Cochrane (D)	8,130	5,425	3,165	3,550	3,485	2,665	695	27,110
Dufferin	65	35	50	. .	35	. .	. .	235
Durham (R.M.)	880	640	540	530	480	395	140	3,605
Elgin	150	160	135	100	60	. .	. .	625
Essex	4,090	3,730	1,900	1,865	1,515	1,200	455	14,750
Frontenac	435	535	275	295	230	145	45	1,970
Grey	100	40	40	25	. .	. .	. .	245
Haldimand-Norfolk (R.M.)	240	310	115	85	85	85	55	970
Haliburton	45	. .	. .	. .	. .	. .	. .	85
Halton (R.M.)	825	535	560	385	505	350	295	3,460
Hamilton-Wentworth (R.M.)	1,275	1,085	580	620	650	380	155	4,735
Hastings	310	370	200	275	195	90	35	1,475
Huron	100	70	80	. .	40	30	. .	350
Kenora (D)	275	285	170	145	230	185	55	1,335
Kent	1,070	1,020	600	450	405	215	130	3,885
Lambton	685	550	335	330	240	310	75	2,520
Lanark	190	170	125	115	85	. .	. .	745
Leeds & Grenville	305	235	185	165	105	. .	. .	1,150
Lennox & Addington	85	30	55	30	30	. .	. .	250
Manitoulin (D)	. .	. .	. .	. .	. .	. .	. .	35
Middlesex	735	585	620	345	245	225	100	2,850
Muskoka (D.M.)	160	145	35	25	. .	. .	. .	415
Niagara (R.M.)	3,305	2,555	1,380	1,380	1,290	875	245	11,035
Nipissing (D)	4,675	3,640	2,050	1,800	1,165	730	285	14,340
Northumberland	105	70	130	85	. .	60	. .	500
Ottawa-Carleton (R.M.)	18,255	15,180	13,060	11,530	7,230	6,525	3,425	75,195
Oxford	220	170	120	105	60	. .	. .	735
Parry Sound (D)	195	170	90	75	. .	. .	. .	585
Peel (R.M.)	1,235	1,005	1,220	955	700	695	380	6,200
Perth	105	50	45	55	25	. .	. .	300
Peterborough	195	195	70	70	70	. .	. .	650
Prescott & Russell	7,195	6,160	3,670	2,940	1,880	1,370	560	23,775
Prince Edward	40	40	. .	. .	. .	. .	. .	125
Rainy River (D)	100	125	50	45	40	. .	. .	415
Renfrew	725	810	665	480	285	145	65	3,175
Stormont, Dundas & Glengarry	5,505	4,910	2,875	2,055	1,130	865	410	17,785
Simcoe	1,815	1,500	1,055	720	445	275	110	5,920
Sudbury (D)	1,840	1,275	610	810	715	410	130	5,790
Sudbury (R.M.)	8,445	5,755	3,570	3,930	3,610	2,215	580	28,100
Thunder Bay (D)	1,260	875	565	550	590	865	310	5,025
Timiskaming (D)	2,295	1,630	925	710	615	295	125	6,600
Toronto (M.M.)	5,800	4,935	4,705	4,065	2,395	2,090	1,255	25,245
Victoria	95	60	25	35	. .	35	. .	265
Waterloo (R.M.)	720	760	630	440	350	220	70	3,205
Wellington	180	175	115	180	. .	100	. .	865
York (R.M.)	395	370	265	260	240	270	125	1,930
Total	87,680	70,350	48,715	43,770	33,075	26,105	10,935	320,625

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Notes: 1. Data not available where indicated due to confidentiality but are included in Total.

2. For Stormont, Dundas and Glengarry under the categories $20,000 – 24,999, $25,000 – 34,999 and $35,000 and over data for Dundas are confidential.

3. Francophones without income are 16.4%.

4. County includes Districts (D), Regional Municipalities (R.M.), Metropolitan Municipalities (M.M.) and District Municipalities (D.M).

Table 3.79 Francophone Population by Age Group, Sex and Highest Level of Education, Ontario, 1981

	Less Than Grade 5	Grades			Post-Secondary Non-University	University	Total
		5 – 8	9 – 10	11 – 13			
				number			
Male							
15 – 19	80	850	7,730	10,700	1,465	520	21,345
20 – 29	280	1,505	6,700	13,910	11,870	7,640	41,905
30 – 44	1,430	8,855	8,765	8,845	14,735	9,770	52,400
45 – 54	2,215	10,505	3,805	2,855	6,135	3,145	28,660
55 – 64	2,745	8,335	2,395	2,170	3,695	1,885	21,225
65 +	4,595	6,685	1,260	1,365	1,900	1,340	17,145
Total	11,340	36,745	30,660	39,840	39,800	24,295	182,680
Female							
15 – 19	70	540	6,810	11,725	1,755	700	21,600
20 – 29	320	1,325	5,965	17,250	11,440	8,405	44,705
30 – 44	940	9,155	10,370	12,800	13,435	9,960	56,660
45 – 54	1,520	10,350	5,385	4,725	4,905	2,790	29,675
55 – 64	2,365	10,030	3,410	3,710	3,065	1,855	24,435
65 +	4,560	10,450	2,325	2,660	2,275	1,285	23,555
Total	9,780	41,830	34,260	52,880	36,875	25,000	200,625
Total							
15 – 19	150	1,390	14,540	22,425	3,220	1,220	42,945
20 – 29	600	2,830	12,665	31,160	23,310	16,045	86,610
30 – 44	2,370	18,010	19,135	21,645	28,170	19,730	109,060
45 – 54	3,735	20,855	9,190	7,580	11,040	5,935	58,335
55 – 64	5,110	18,365	5,805	5,880	6,760	3,740	45,660
65 +	9,155	17,135	3,585	4,025	4,175	2,625	40,700
Total	21,120	78,575	64,920	92,720	76,675	49,295	383,305

Source: Statistics Canada, *Census of Canada*, Special tabulations.

Note: See note, Table 3.67.

Chapter 4
Families and Households

Families and Households

The previous chapter analyzes Ontario's population. The data in this chapter describe the structure of Ontario's population from three different perspectives:

- census families;
- economic families;
- households.

Sources of Data

As with the chapter on population, the basic source of information on families and households is the Census of Canada taken every five years. Census data on households and families are supplemented by intercensal estimates prepared by Statistics Canada.

Data from the 1986 Census will be available in mid-1987.

Census families are family units defined solely in terms of husband-wife and parent-child relationships. They are defined as:

- husbands and wives (including common-law couples) living with or without any never-married children, regardless of age;
- lone parents of any marital status with one or more children who have never married, regardless of age, living in the same dwelling.

The economic family is a broader concept than the census family. It includes all persons living in the same household who are related in any way by marriage, blood or adoption. For example, a mother-in-law, or two cousins, living in the same dwelling would be considered members of the same economic family, but not as members of the same census family.

All data on households in these tables refer to private households. They exclude households of foreign residents living in Canada. Data prior to the 1976 Census included households of Canadian residents abroad, though their dwellings were not included in the housing data. Therefore, private households do not equal private dwellings in the censuses prior to 1976. These inconsistencies have been dealt with by giving an appropriate footnote to the relevant table.

There are some minor inconsistencies in the data between various censuses:

- for the 1976 and 1981 Censuses only, couples living together in common-law relationships are classified as married;
- for the 1976 and 1981 Censuses, children over 25 living with their parents are classified as children; in previous censuses they were included as members of the family but were classified as adults;
- for the 1976 and 1981 Censuses, unrelated wards, foster and guardian children were not included as part of the family unit. Prior to 1976, these children were included in the family unit;
- for the 1976 and 1981 Censuses, households of Canadian residents abroad are excluded. For previous censuses they were included.

Statistics Canada produces a large number of census documents, microfiche and computer tapes relating to census families, economic families and households after each census. Enquiries about census data should be directed to the Census Operations Division of Statistics Canada, telephone Ottawa, 990-9534.

Families and Households

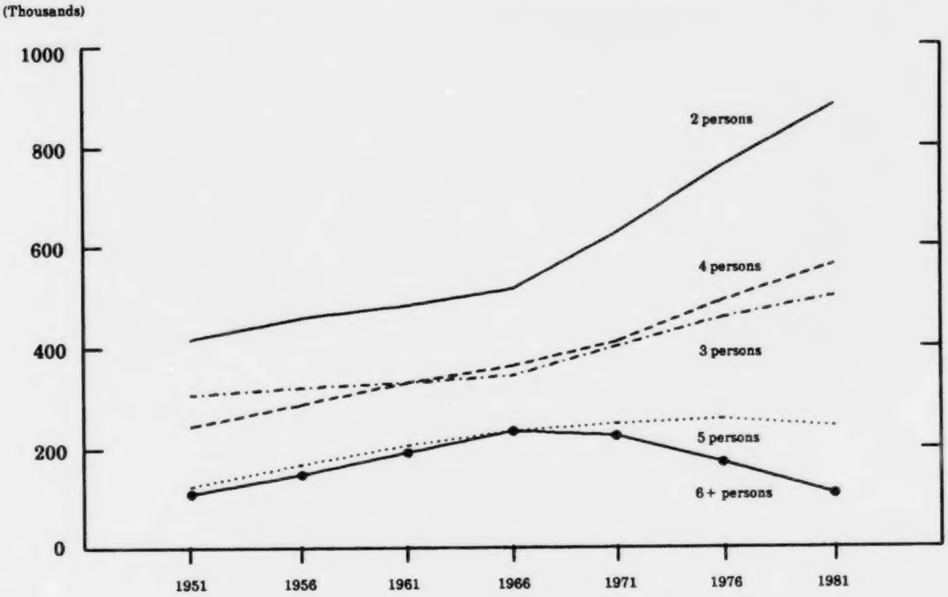
Charts:

4.1 Number of Census Families by Number of Persons Per Family, Ontario, 1951 to 1981
4.2 Census Families by Family Structure, Ontario, 1971 and 1981
4.3 Growth of Population by Family Structure, Ontario, 1971 to 1981
4.4 Household Size, Ontario and Other Regions of Canada, 1951 to 1981

Tables:

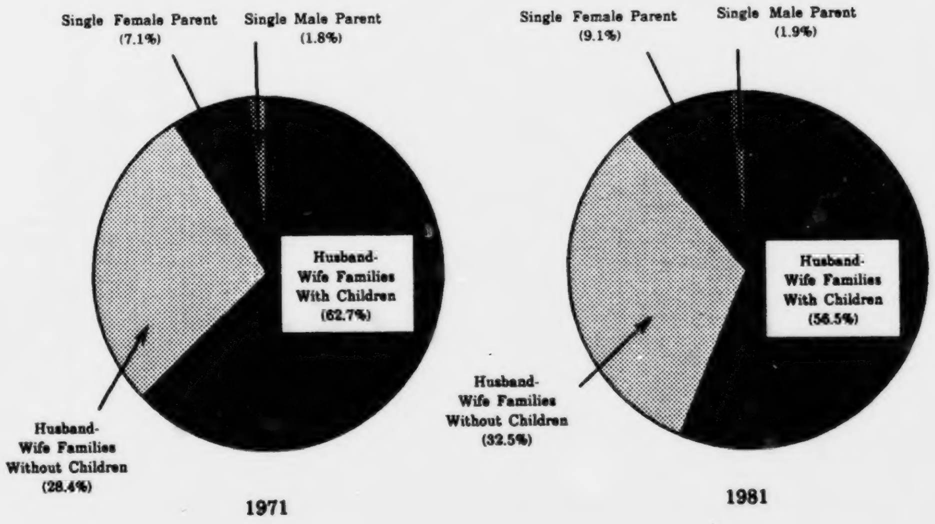
4.1 Census Families, Ontario and Other Regions of Canada, Selected Years, 1951 to 1985
4.2 Census Families by Number of Persons, Ontario, Census Years, 1951 to 1981
4.3 Family Size, Ontario and Other Regions of Canada, Census Years, 1951 to 1981
4.4 Children Per Census Family, Ontario and Other Regions of Canada, Census Years, 1961 to 1981
4.5 Census Families by Family Structure, Ontario and Other Regions of Canada, Census Years, 1971 to 1981
4.6 Population by Census Family Structure, Ontario and Other Regions of Canada, Census Years, 1971 to 1981
4.7 Economic Families, Ontario and Other Regions of Canada, Census Years, 1961 to 1981
4.8 Households by Type, Ontario and Other Regions of Canada, Census Years, 1976 and 1981
4.9 Persons Living Alone, Ontario and Other Regions of Canada, Census Years, 1956 to 1981
4.10 Household Size, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

Chart 4.1 Number of Census Families by Number of Persons Per Family, Ontario, 1951 to 1981



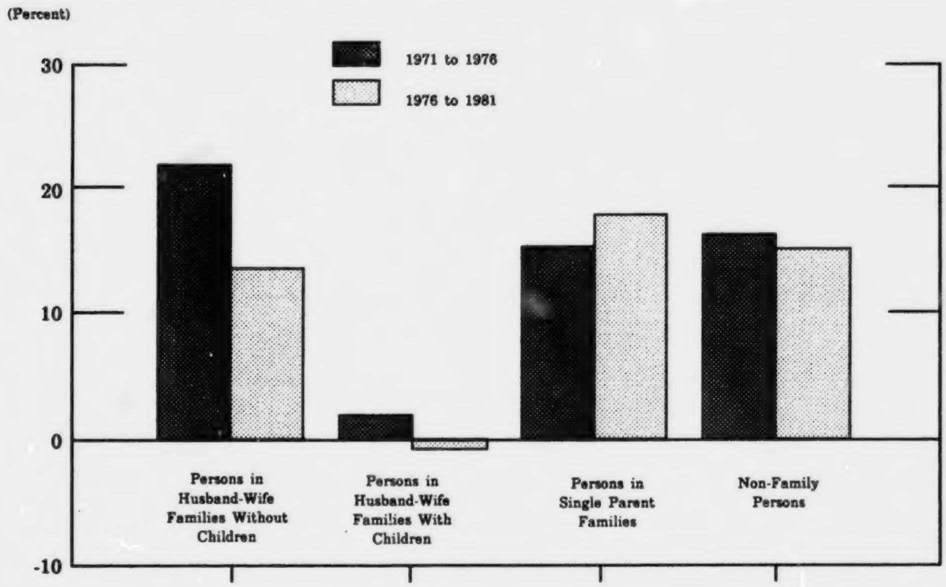
Refer to Table 4.2

Chart 4.2 Census Families by Family Structure, Ontario, 1971 and 1981



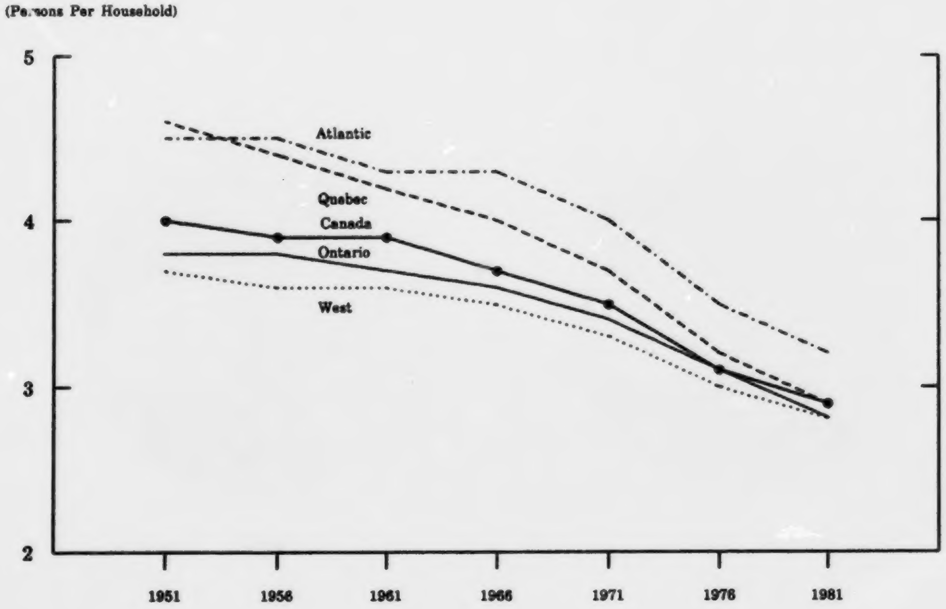
Refer to Table 4.5

Chart 4.3 Growth of Population by Family Structure, Ontario, 1971 to 1981



Refer to Table 4.6

Chart 4.4 Household Size, Ontario and Other Regions of Canada, 1951 to 1981



Refer to Table 4.10

Table 4.1 Census Families, Ontario and Other Regions of Canada, Selected Years, 1951 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1985p	2,446	593	1,749	1,940	6,728	36.4
1984p	2,401	584	1,730	1,915	6,630	36.2
1983r	2,356	575	1,711	1,887	6,528	36.1
1982r	2,316	565	1,693	1,851	6,425	36.1
1981r	2,279	558	1,671	1,801	6,309	36.1
1980	2,215	547	1,598	1,694	6,054	36.6
1979	2,191	540	1,585	1,653	5,969	36.7
1978	2,168	532	1,573	1,622	5,896	36.5
1977	2,137	524	1,563	1,589	5,813	36.8
1976	2,105	515	1,540	1,568	5,728	36.8
1971	1,877	451	1,354	1,371	5,053	37.1
1966	1,658	415	1,229	1,224	4,526	36.6
1961	1,511	398	1,104	1,134	4,147	36.4
1956	1,343	374	970	1,025	3,712	36.2
1951	1,163	353	856	915	3,287	35.4

Sources: Statistics Canada, *Preliminary Post-censal Estimates of Number of Families, Canada and Provinces, June 1, 1982 to 1985.*
Estimates of Families for Canada and the Provinces, 1977 to 1980. (91-204).
Census of Canada.

Notes: 1. Excluding census years, figures are estimates.
2. Census families are married couples with or without children and single parents with non-married children at home.
3. Common-law arrangements are considered as marriages after 1971 Census.

Table 4.2 Census Families by Number of Persons, Ontario, Census Years, 1951 to 1981

Year	Two Persons	Three Persons	Four Persons	Five Persons	Six + Persons	Total
				'000's		
1981	876	500	560	241	101	2,279
1976	756	450	485	252	162	2,105
1971	620	395	406	244	217	1,882
1966	512	336	356	227	227	1,658
1961	477	326	327	197	184	1,511
1956	453	314	286	155	135	1,343
1951	412	299	238	115	99	1,163

Source: Statistics Canada, *Census of Canada.*

Note: See Table 4.1, notes 2 and 3.

Table 4.3 Family Size, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada
		average number of persons/family			
1981	3.2	3.5	3.3	3.2	3.3
1976	3.4	3.7	3.5	3.4	3.5
1971	3.6	4.0	3.9	3.6	3.7
1966	3.7	4.2	4.2	3.8	3.9
1961	3.6	4.2	4.2	3.7	3.9
1956	3.5	4.2	4.2	3.6	3.8
1951	3.4	4.1	4.2	3.6	3.7

Source: Statistics Canada, *Census of Canada.*

Note: See Table 4.1, note 2.

Table 4.4 Children Per Census Family, Ontario and Other Regions of Canada, Census Years, 1961 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada
			average number		
1981	1.3	1.6	1.4	1.3	1.4
1976	1.5	1.8	1.6	1.5	1.6
1971	1.7	2.1	2.0	1.7	1.8
1966	1.7	2.2	2.2	1.8	1.9
1961	1.6	2.2	2.2	1.7	1.9

Source: Statistics Canada, *Census of Canada.*

Notes: 1. See Table 4.1, note 2.

2. Prior to 1976, children 25 years old and over are not included, though they are considered family members.

Table 4.5 Census Families by Family Structure, Ontario and Other Regions of Canada, Census Years, 1971 to 1981

	Husband-Wife			Single Parent			
Year	Without Children at Home	With Children at Home	Total	Male	Female	Total	Total
				'000's			
1981							
Ontario	740.2	1,288.5	2,028.7	43.1	207.2	250.3	2,279.0
Atlantic	150.3	343.1	493.4	11.7	53.1	64.8	558.1
Quebec	488.3	974.8	1,463.1	35.1	173.3	208.4	1,671.5
West	633.8	992.0	1,625.8	34.3	156.2	190.5	1,816.3
Canada	2,012.6	3,598.4	5,611.0	124.2	589.8	714.0	6,325.0
Ontario % of Canada	36.8	35.8	36.2	34.7	35.1	35.1	36.0
Ontario							
1976	617.0	1,285.0	1,902.0	34.0	168.5	202.5	2,104.5
1971	533.8	1,175.5	1,709.3	33.9	133.9	167.8	1,877.1

Source: Statistics Canada, *Census of Canada.*

Note: See Table 4.1, note 2.

Table 4.6 Population by Census Family Structure, Ontario and Other Regions of Canada, Census Years, 1971 to 1981

	Population in Families					
	Husband-Wife					
Year	Without Children at Home	With Children at Home	Single Parent	Total	Non-Family Population	Total
				'000's		
1981						
Ontario	1,480.4	5,196.3	671.8	7,348.5	1,104.5	8,453.0
Atlantic	300.5	1,456.6	184.4	1,941.5	243.5	2,185.0
Quebec	976.6	3,950.2	564.4	5,491.2	805.2	6,292.4
West	1,267.6	4,035.4	518.4	5,821.4	1,041.6	6,863.0
Canada	4,025.1	14,638.5	1,939.0	20,602.6	3,194.8	23,797.4
Ontario % of Canada	36.8	35.5	34.6	35.7	34.6	35.5
Ontario						
1976	1,302.0	5,252.6	570.0	7,124.6	959.6	8,084.2
1971	1,067.6	5,160.8	494.1	6,722.5	825.0	7,547.5

Source: Statistics Canada, *Census of Canada.*

Note: See Table 4.1, note 2.

Table 4.7 Economic Families, Ontario and Other Regions of Canada, Census Years, 1961 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1981	2,293.2	561.4	1,703.1	1,839.5	6,397.2	35.8
1976	2,114.0	513.1	1,561.1	1,581.7	5,769.9	36.6
1971	1,891.8	449.7	1,376.2	1,394.8	5,112.5	37.0
1961	1,494.7	386.5	1,093.2	1,131.8	4,106.2	36.4

Source: Statistics Canada, *Census of Canada.*

Note: The economic family concept requires only that family members be related by blood, marriage or adoption, whereas the census family concept requires that family members must have a husband-wife or parent never married child relationship.

Table 4.8 Households by Type, Ontario and Other Regions of Canada, Census Years, 1976 and 1981

	Family Households			Non-Family Households			
Year	One Family	Multiple Family	Total	One Person	Two or More Persons	Total	Total
				'000's			
1981							
Ontario	2,202.2	37.9	2,240.1	611.3	118.4	729.6	2,969.8
Atlantic	533.2	12.3	545.5	101.5	27.2	128.7	674.2
Quebec	1,637.8	16.8	1,654.6	425.0	93.3	518.3	2,172.9
West	1,767.1	24.2	1,791.3	543.3	130.0	673.4	2,464.6
Canada	6,140.3	91.2	6,231.5	1,681.1	368.9	2,050.0	8,281.5
Ontario % of Canada	35.9	41.6	35.9	36.4	32.1	35.6	35.9
Ontario 1976	2,027.6	38.0	2,065.6	448.9	120.1	569.0	2,634.6

Source: Statistics Canada, *Census of Canada.*

Note: A private household refers to a person or a group of persons occupying a private dwelling.

Table 4.9 Persons Living Alone, Ontario and Other Regions of Canada, Census Years, 1956 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1981	611.3	101.5	425.0	543.3	1,681.0	36.4
1976	448.9	72.1	294.3	390.0	1,205.3	37.2
1971	294.3	49.7	193.2	274.1	811.3	36.3
1966	206.3	37.4	132.5	213.4	589.6	35.0
1961	149.1	30.9	83.7	161.1	424.8	35.1
1956	103.1	24.9	50.5	130.1	308.6	33.4

Source: Statistics Canada, *Census of Canada.*

Notes: 1. Person living alone is a one-person, non-family household.
2. Data prior to 1976 include persons living alone abroad.

Table 4.10 **Household Size, Ontario and Other Regions of Canada, Census Years, 1951 to 1981**

Year	Ontario	Atlantic	Quebec	West	Canada
			average number of persons/household		
1981	2.8	3.2	2.9	2.8	2.9
1976	3.1	3.5	3.2	3.0	3.1
1971	3.4	4.0	3.7	3.3	3.5
1966	3.6	4.3	4.0	3.5	3.7
1961	3.7	4.3	4.2	3.6	3.9
1956	3.8	4.5	4.4	3.6	3.9
1951	3.8	4.5	4.6	3.7	4.0

Source: Statistics Canada, *Census of Canada.*

Notes: 1. See note, Table 4.8
2. Prior to 1976, households of Canadian residents living abroad are included. The numbers are too small to affect average household size.

Chapter 5
Women

Women

This chapter presents data on women and their status in Ontario. The major subject areas covered include:

- demographics;
- labour force;
- employment;
- health;
- social services;
- education;
- justice.

Much of the data has been extracted or derived from other chapters in the publication. References to the tables with similar or additional data in other chapters have been made where notes and definitions may apply.

Sources of Data

Sources for derived tables are covered extensively in other chapters. Other sources include:

Profile of Native Women, 1981 Census of Canada, contains data pertaining to Native Women, including population figures, age, household and family type and size, income (female-led single parent families), labour force activity, industry and occupation, individual income, education, fertility and housing. Comparisons are also made between Native and Non-native women.

Data on income are collected on a 20% sample basis in the census. *Population, Private Households, Census Families in Private Households–Income, (93-954)*, presents 1980 income size distributions. Average income and median income of population 15 years and over are calculated for persons with income only, and for all census families, non-family persons and private households whether or not they report any income.

For details on census methodology see the introduction to Chapter 3, Population.

The Ontario Civil Service Commission Annual Report contains statistical data regarding provincial civil servants on a fiscal year basis (April to March, inclusive). Distribution by sex and salary group are shown as well as appointments to and separations from the Public Service. Over the time period shown (1975/76 to 1984/85) several changes in status of employees within certain groups occurred. For example, in 1978/79 staff of the Office of the Provincial Auditor ceased to be classified as civil servants and therefore are not included in total figures in later years.

Employment Equity/Affirmative Action in the Ontario Public Service is an annual report issued by the Ontario Women's Directorate, showing data on the occupational status of women in the Ontario Public Service.

The Addiction Research Foundation issues *Statistics on Alcohol and Drug Use in Canada and Other Countries, 1984*. The data are derived from Gallup household surveys. This publication also contains extensive clinical data on hospital separations and death rates from alcohol and drug-related problems, classified by sex, primarily on a Canada-wide basis. Additional information can be obtained from the statistical information section of the Addiction Research Foundation, telephone Toronto, 595-6091.

Three Statistics Canada publications, *Therapeutic Abortions, (82-211)*, *Basic Facts on Therapeutic Abortions, Canada, (82-215)*, and *Therapeutic Abortions, Canada, 1983, (82-546)*, relate to the therapeutic abortions performed under legislation which came into force on August 26, 1969. Information on the number of therapeutic abortions in hospitals with therapeutic abortion committees is reported to Statistics Canada monthly, through provincial departments of health or directly by hospitals. The monthly reports are based on individual case reports which contain certain demographic and medical items. Enquiries about these publications can be made to Statistics Canada's Health Division, telephone Ottawa, 991-1639.

Women

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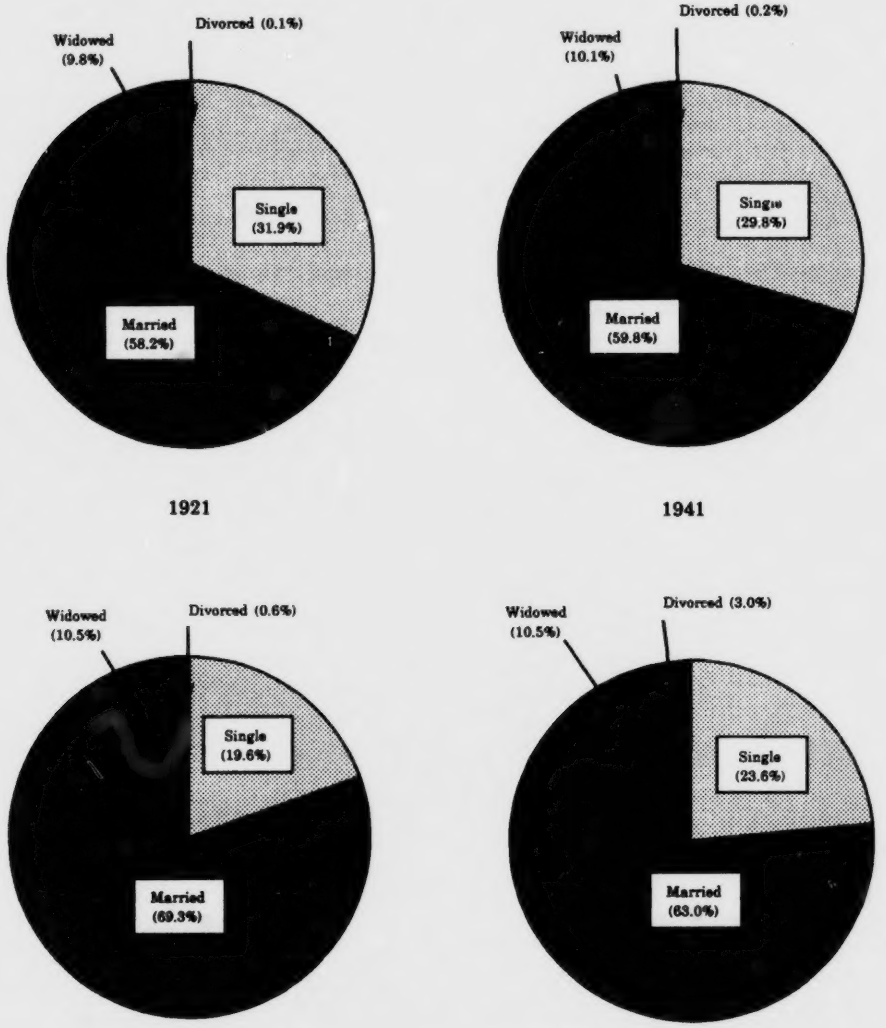
Chart 5.1 Marital Status of Women, Ontario, Selected Census Years, 1921 to 1981

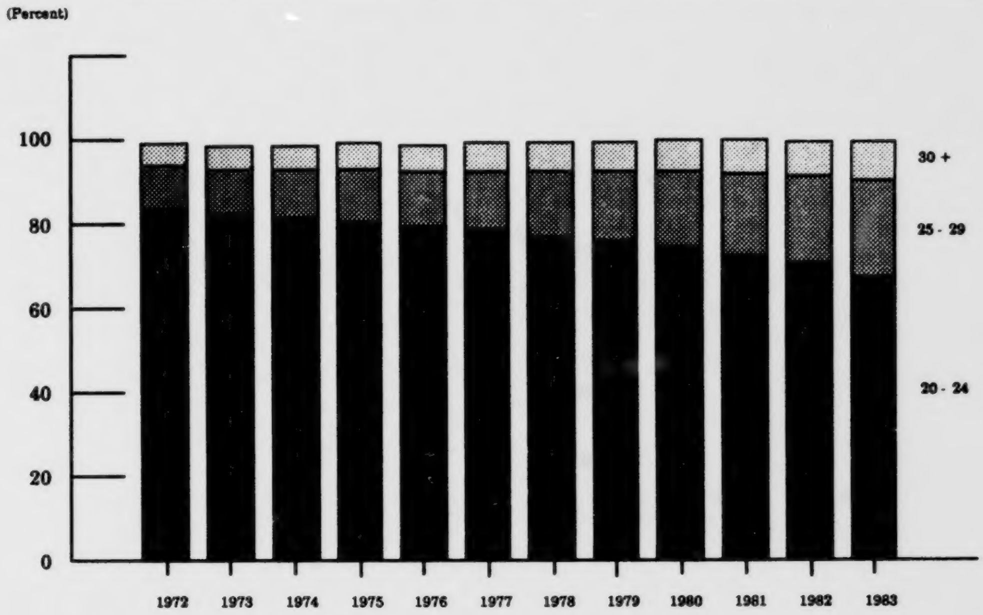


1961

1981

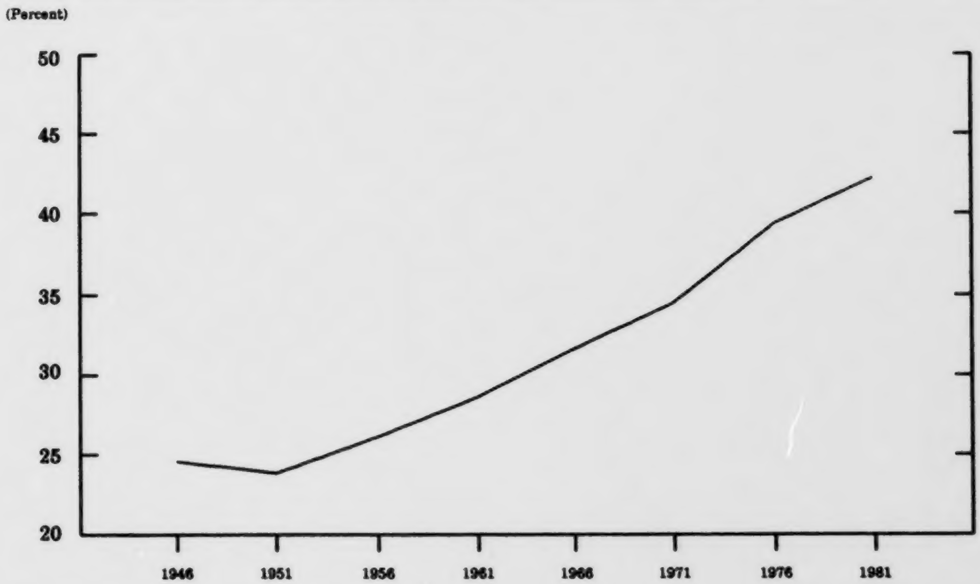
Refer to Table 5.8

Chart 5.2 First Marriages by Age of Women, Ontario, 1972 to 1983



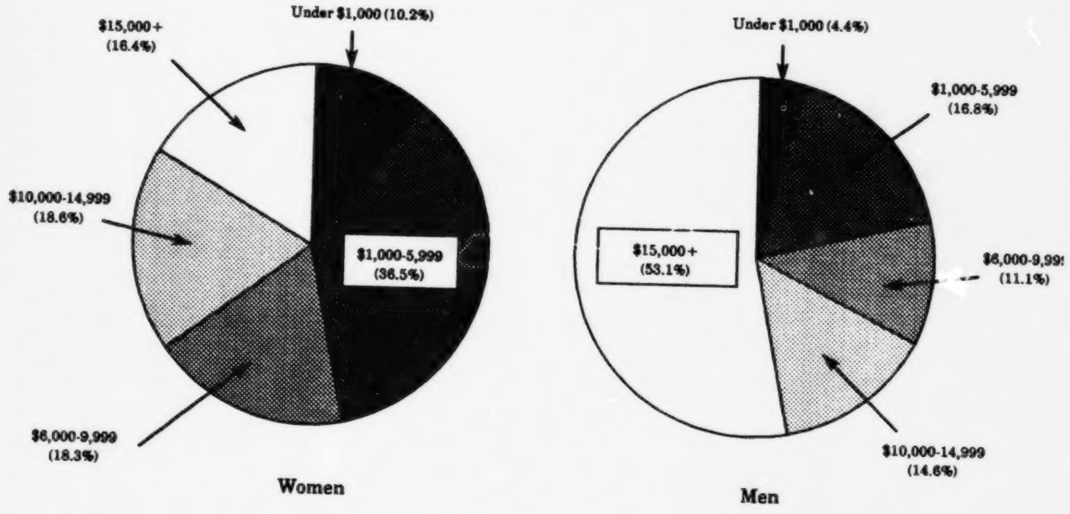
Refer to Table 5.9

Chart 5.3 Labour Force, Percent Women, Ontario, Selected Years, Annual Averages, 1946 to 1981



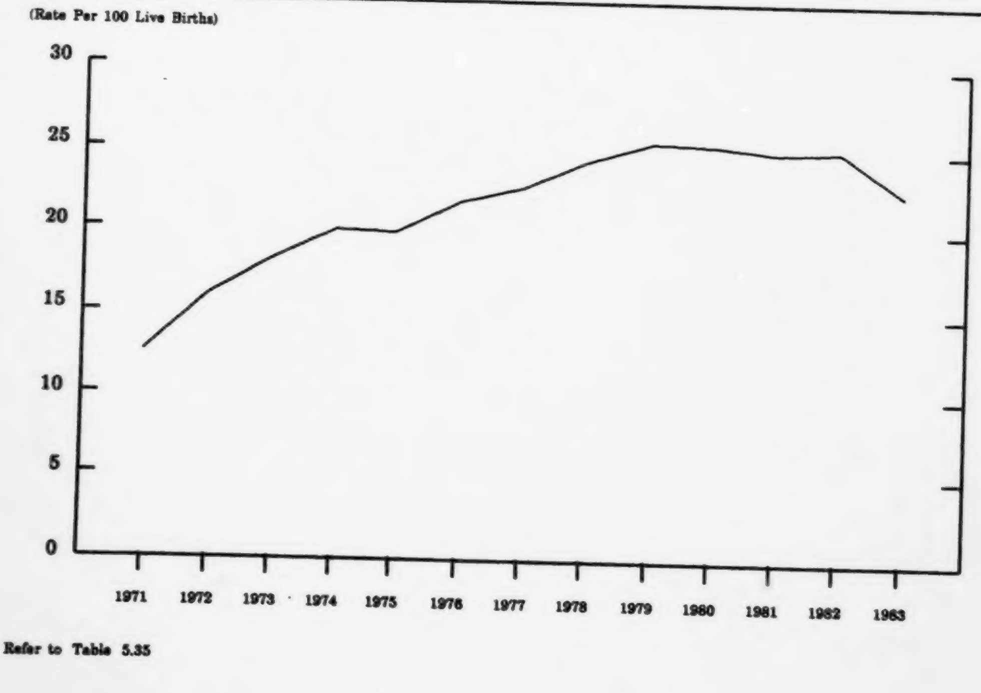
Refer to Table 5.11

Chart 5.4 Population by Income and Sex, Ontario, 1981



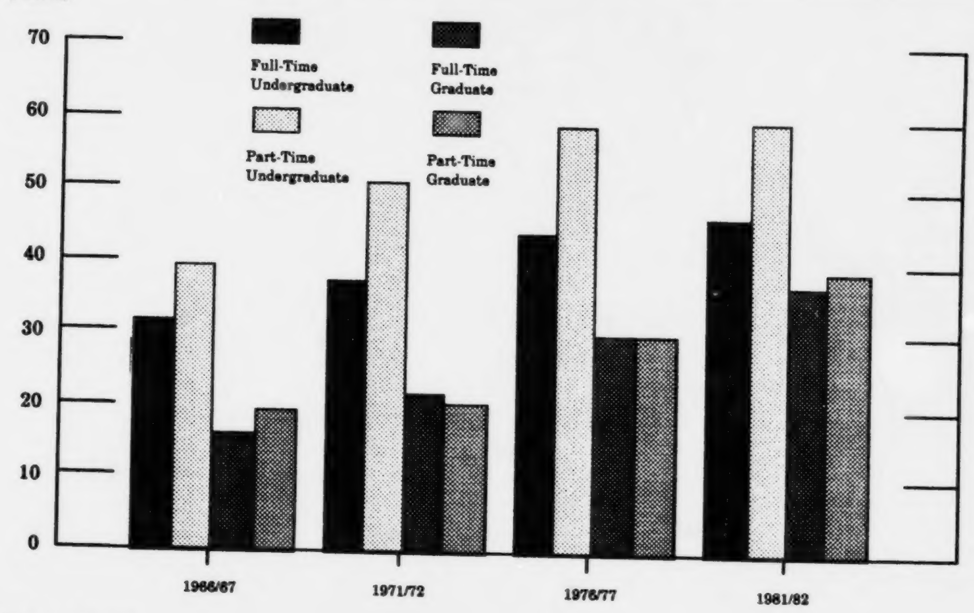
Refer to Table 5.19

Chart 5.5 Therapeutic Abortions, Ontario, 1971 to 1983



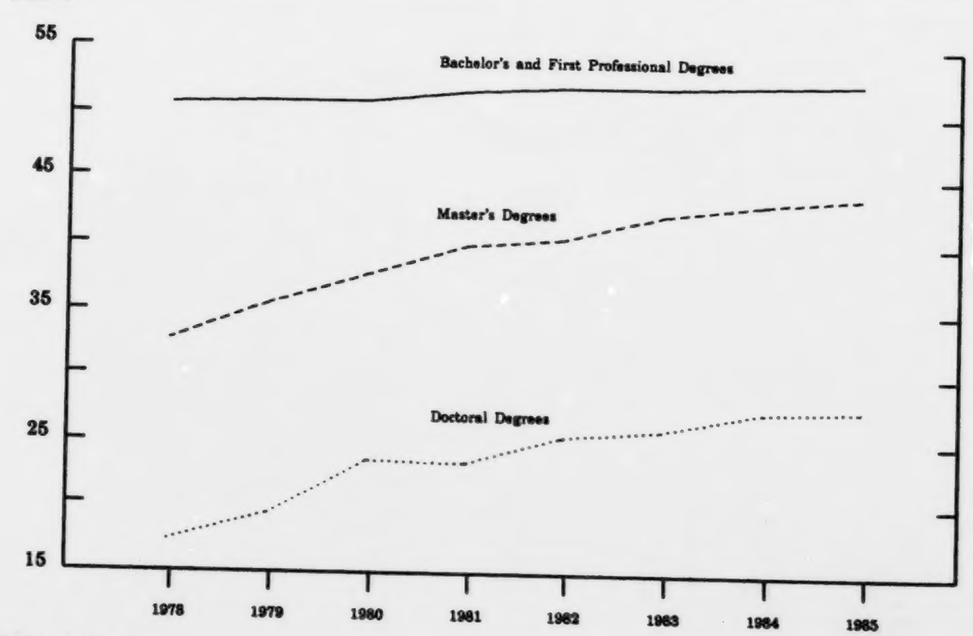
Refer to Table 5.35

Chart 5.6 University Enrolment, Percent Women, Selected Years, Ontario 1966/67 to 1981/82



Refer to table 5.47

Chart 5.7 University Degrees Awarded to Women, Ontario, 1978 to 1985



Refer to Table 5.50

Table 5.1 Population, Percent Female, Ontario and Other Regions of Canada, Selected Years, 1881 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada
			percent female		
1985p	50.8	50.3	50.8	50.0	50.5
1984	50.8	50.3	50.8	49.9	50.5
1983	50.8	50.3	50.8	49.9	50.5
1982	50.8	50.3	50.8	49.8	50.5
1981	50.8	50.2	50.7	49.8	50.4
1976	50.4	49.8	50.5	49.8	50.2
1971	50.1	49.5	50.3	49.5	50.0
1966	50.0	49.5	50.1	49.2	49.8
1961	49.7	49.2	50.0	48.7	49.5
1956	49.7	49.1	49.9	48.3	49.3
1951	49.7	49.4	50.1	48.3	49.4
1941	49.3	48.8	49.8	47.0	48.7
1931	49.0	48.8	49.7	45.7	48.2
1921	49.5	49.2	50.0	45.5	48.5
1911	48.5	49.0	49.5	40.7	47.0
1901	49.8	49.2	50.0	41.7	48.8
1891	49.4	49.4	50.0	42.5	49.1
1881	49.2	49.5	50.1	44.8	49.4

Sources: Statistics Canada, *Estimates of Population for Canada and the Provinces, June 1, 1983, (91-201).*
Daily, April 21, 1983, (11-001).
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971 – 1976, (91-518).
Census of Canada.
Historical Statistics of Canada, Second Edition.
Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada, Provinces and Territories, June 1, 1985, (91-210).

Note: Percentages calculated on rounded data.

Table 5.2 Population, Percent Female by Age Group, Ontario and Other Regions of Canada, Census Years, 1921 to 1981

Year	0 – 14	15 – 19	20 – 24	25 – 44	45 – 64	65 & Over	Total
				percent female			
1981							
Ontario	48.7	48.9	50.3	50.4	50.8	58.3	50.8
Atlantic	48.7	48.9	50.3	49.8	50.7	55.6	50.2
Quebec	48.7	49.0	49.9	50.1	51.8	58.6	50.7
West	48.7	49.0	49.3	49.0	50.2	55.1	49.8
Canada	48.7	48.9	49.9	49.9	50.9	57.2	50.4
Ontario							
1976	48.7	48.9	50.5	49.7	50.8	58.0	50.4
1971	48.8	49.2	50.3	49.2	50.6	57.3	50.1
1966	48.8	49.1	50.4	49.8	50.0	56.0	50.0
1961	48.8	48.9	50.8	49.7	49.4	54.4	49.7
1956	49.0	49.3	50.1	49.6	49.2	53.1	49.6
1951	48.9	49.3	49.8	49.9	49.2	52.5	49.7
1941	49.3	49.2	49.5	48.9	48.8	52.0	49.3
1931	49.3	48.8	49.3	48.8	48.5	50.9	49.0
1921	49.4	49.7	51.5	49.2	48.8	50.2	49.5

Source: Statistics Canada, *Census of Canada.*

Note: See note, Table 5.1.

Table 5.3 Female Population by Age Group, Ontario and Other Regions of Canada, Census Years, 1921 to 1981

Year	0 – 14	15 – 19	20 – 24	25 – 44	45 – 64	65 & Over	Total	
					percent			'000's
1981								
Ontario	21.0	9.0	9.1	29.1	20.2	11.6	100.0	4,378.3
Atlantic	24.8	10.2	9.2	27.4	17.5	11.0	100.0	1,121.8
Quebec	20.8	9.3	9.8	30.1	19.7	10.2	100.0	3,266.2
West	22.6	9.1	9.9	28.9	18.4	11.0	100.0	3,508.5
Canada	21.8	9.2	9.5	29.2	19.3	11.0	100.0	12,274.9
Ontario % of Canada	34.4	34.9	34.0	35.6	37.4	37.5	. . .	35.7
Ontario								
1976	24.3	9.5	9.0	27.0	19.9	10.3	100.0	4,167.6
1971	27.9	9.1	8.8	25.3	19.3	9.6	100.0	3,862.2
1966	30.9	8.5	7.0	26.1	18.4	9.1	100.0	3,481.7
1961	31.6	6.9	6.3	28.0	18.3	8.9	100.0	3,101.6
1956	29.5	6.4	6.8	29.7	18.5	9.0	100.0	2,683.4
1951	26.5	6.8	7.7	30.2	19.6	9.2	100.0	2,283.4
1941	24.4	8.9	8.6	29.4	20.3	8.4	100.0	1,866.5
1931	28.1	9.2	8.5	28.7	18.3	7.1	100.0	1,682.8
1921	30.1	8.7	8.5	29.5	17.2	6.0	100.0	1,451.8

Source: Statistics Canada, *Census of Canada*.

Note: See note, Table 5.1.

Table 5.4 Median Age of Women Indexed to Median Age of Men, Ontario and Canada, Census Years, 1901 to 1981

Year	Ontario	Canada
1981	105.0	104.5
1976	104.7	104.4
1971	104.5	103.9
1966	105.3	104.0
1961	103.2	101.9
1956	102.1	100.4
1951	101.3	99.3
1941	99.7	96.7
1931	99.6	94.1
1921	98.5	93.5
1911	98.8	93.5
1901	100.0	97.8

Sources: Statistics Canada, *Census of Canada*.
Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Table 5.5 Live Births by Age of Mother, Ontario, Selected Years, 1951 to 1983

Year	Under 15	15 – 19	20 – 24	25 – 29	30 – 34
			percent		
1983	0.1	6.4	27.2	38.3	21.5
1982	0.1	7.2	28.3	37.6	20.7
1981	0.1	7.5	29.0	37.5	20.5
1980	0.1	8.2	29.7	37.3	19.7
1979	0.1	8.6	30.4	36.9	19.0
1978	0.1	9.5	31.3	36.4	18.0
1977	0.1	10.1	32.2	36.1	16.9
1976	0.1	10.8	32.4	36.5	15.3
1975	0.1	11.2	32.8	36.4	14.7
1974	0.1	11.7	32.7	35.7	14.6
1973	0.1	12.2	33.2	34.6	14.1
1972	0.1	12.2	34.3	33.0	14.2
1971	0.1	11.9	35.7	31.4	14.0
1966	0.1	12.8	31.7	26.5	16.5
1961	0.1	9.4	29.9	28.1	19.2
1956	--	7.9	28.8	29.5	21.0
1951	--	8.1	28.5	31.2	19.3

Table 5.5 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	Total	
		percent			#
1983	5.9	0.6	--	100.0	126,826
1982	5.4	0.6	--	100.0	124,856
1981	4.8	0.7	--	100.0	122,183
1980	4.5	0.6	--	100.0	123,316
1979	4.3	0.7	--	100.0	121,655
1978	4.1	0.6	--	100.0	120,964
1977	4.0	0.6	--	100.0	122,757
1976	4.1	0.8	--	100.0	122,700
1975	4.0	0.8	0.1	100.0	125,775
1974	4.2	0.9	0.1	100.0	124,229
1973	4.7	1.1	0.1	100.0	123,776
1972	5.0	1.2	0.1	100.0	125,060
1971	5.5	1.4	0.1	100.0	130,395
1966	9.3	2.9	0.2	100.0	131,942
1961	10.5	2.7	0.2	100.0	157,663
1956	9.9	2.8	0.2	100.0	143,516
1951	10.0	2.7	0.2	100.0	114,827

Sources: Statistics Canada, *Vital Statistics, Births and Deaths, (84-204)*.
Office of the Registrar General, *Ontario Vital Statistics*.

Note: Births to mothers of not stated ages have been distributed according to weights of known age groups.

Table 5.6 Live First Births by Age of Mother, Ontario, Selected Years, 1956 to 1983

Year	Under 15	15 – 19	20 – 24	25 – 29	30 – 34
			percent		
1983	0.1	12.1	36.1	35.7	13.0
1982	0.1	13.5	37.1	34.5	12.2
1981	0.1	14.0	37.4	34.2	11.9
1980	0.1	15.2	37.5	34.0	11.1
1979	0.2	16.1	38.4	33.0	10.4
1978	0.2	17.5	39.1	31.9	9.5
1977	0.1	18.9	40.3	30.4	8.5
1976	0.2	20.2	40.7	29.9	7.4
1975	0.2	20.9	40.8	29.5	6.9
1974	0.2	22.4	40.4	28.7	6.7
1973	0.2	24.1	40.8	27.3	6.0
1972	0.2	24.5	42.3	25.6	5.9
1971	0.2	24.2	45.4	23.4	5.3
1966	0.2	29.9	44.8	17.3	5.4
1961	0.2	24.9	43.9	19.9	7.6
1956	0.1	20.3	42.4	24.0	9.4

Table 5.6 (cont'd.)

Year	35 – 39	40 – 49	Total	
		percent		#
1983	2.8	0.2	100.0	57,324
1982	2.3	0.3	100.0	57,010
1981	2.1	0.2	100.0	55,394
1980	1.9	0.2	100.0	56,080
1979	1.8	0.2	100.0	54,224
1978	1.6	0.3	100.0	54,132
1977	1.5	0.2	100.0	54,704
1976	1.5	0.2	100.0	54,120
1975	1.5	0.2	100.0	55,582
1974	1.4	0.2	100.0	53,569
1973	1.3	0.3	100.0	52,575
1972	1.3	0.2	100.0	51,975
1971	1.3	0.3	100.0	52,793
1966	2.0	0.5	100.0	44,989
1961	2.8	0.5	100.0	43,449
1956	3.1	0.8	100.0	42,167

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Notes: 1. Age group 40 – 49 includes a small number of age not stated.
2. For 1956, the 40 – 49 age group includes one birth to a woman over 50 years.

Table 5.7 **Average Life Expectancy by Selected Age and Sex, Ontario and Canada, 1951 and 1981**

	Ontario		Canada	
	Female	Male	Female	Male
At Birth				
1981^{p}	79.0	72.3	78.9	71.9
1951	71.9	66.9	70.8	66.3
One Year				
1981^{p}	78.6	.72.0	78.6	71.7
1951	72.9	68.3	72.3	68.3
20 Years				
1981^{p}	60.0	53.6	60.0	53.4
1951	54.8	50.6	54.4	50.8
40 Years				
1981^{p}	40.6	34.7	40.7	34.7
1951	35.8	32.0	35.6	32.5
60 Years				
1981^{p}	22.7	17.8	22.8	18.0
1951	18.6	16.2	18.6	16.5

Sources: Statistics Canada, *Vital Statistics, Deaths,(84-206).*
Vital Statistics and Disease Registries Section, Health Division.

Table 5.8 **Marital Status of Women, Ontario and Other Regions of Canada, Census Years, 1921 to 1981**

Year	Single	Married	Widowed	Divorced	Total	
			percent			'000's
1981						
Ontario	23.6	63.0	10.5	3.0	100.0	3,459.3
Atlantic	25.4	61.9	10.5	2.2	100.0	844.1
Quebec	27.6	60.0	9.3	3.1	100.0	2,586.6
West	22.6	64.1	9.8	3.5	100.0	2,714.7
Canada	24.5	62.4	10.0	3.1	100.0	9,604.9
Ontario % of Canada	34.5	36.3	38.0	34.6	. . .	35.7
Ontario						
1976	23.1	64.4	10.4	2.2	100.0	3,156.8
1971	22.6	65.5	10.4	1.5	100.0	2,784.8
1966	21.6	67.0	10.8	0.7	100.0	2,405.5
1961	19.6	69.3	10.5	0.6	100.0	2,122.3
1956	20.2	68.7	10.6	0.5	100.0	1,890.9
1951	22.5	66.5	10.6	0.5	100.0	1,677.9
1941	29.8	59.8	10.1	0.2	100.0	1,411.3
1931	32.0	58.1	9.8	0.1	100.0	1,210.4
1921	31.9	58.2	9.8	0.1	100.0	1,014.6

Source: Statistics Canada, *Census of Canada.*

Notes: 1. See note, Table 5.1.
2. Only women over the age of 15 are included.
3. Some data derived from Table 3.16.

Table 5.9 First Marriages by Age of Women, Ontario, Selected Years, 1961 to 1983

Year	Under 20	20 – 24	25 – 29	30 – 34	35 – 44
			percent		
1983	13.5	54.3	23.2	6.0	2.3
1982	15.6	55.2	21.0	5.4	2.1
1981	17.6	55.2	19.5	5.0	2.0
1980	20.0	54.9	18.0	4.6	1.8
1979	22.1	54.3	16.8	4.2	1.8
1978	24.4	53.0	16.0	4.0	1.7
1977	26.9	51.6	15.1	3.8	1.7
1976	28.7	50.9	14.2	3.5	1.8
1975	30.8	49.8	13.4	3.3	1.7
1974	32.6	49.6	12.4	2.9	1.6
1973	33.7	49.1	11.7	2.9	1.7
1972	33.9	49.8	10.9	2.8	1.7
1971	32.8	51.4	10.3	2.7	1.7
1961	37.5	43.7	10.7	4.0	2.8

Table 5.9 (cont'd.)

Year	45 – 54	55 – 64	65 & Over	First Marriages	
			percent		#
1983	0.4	0.2	0.1	100.0	55,838
1982	0.5	0.2	0.1	100.0	57,095
1981	0.4	0.2	0.1	100.0	56,055
1980	0.5	0.2	0.1	100.0	55,182
1979	0.5	0.2	0.1	100.0	54,679
1978	0.5	0.2	0.1	100.0	54,627
1977	0.5	0.2	0.1	100.0	55,481
1976	0.5	0.3	0.1	100.0	57,401
1975	0.6	0.3	0.2	100.0	60,646
1974	0.6	0.2	0.1	100.0	61,715
1973	0.6	0.2	0.1	100.0	61,943
1972	0.6	0.2	0.1	100.0	62,245
1971	0.6	0.3	0.1	100.0	60,058
1961	0.9	0.4	0.1	100.0	39,761

Source: Office of the Registrar General, *Ontario Vital Statistics.*

Note: Age group 65 & Over includes a negligible number of age not stated.

Table 5.10 Population of Aboriginal Women by Legal Classification, Ontario and Other Regions of Canada, 1981

	Inuit	Status Indian	Non-status Indian	Métis	Total
			'000's		
Ontario	0.5	36.0	13.4	6.4	56.3
Atlantic	1.0	5.7	1.8	0.8	9.3
Quebec	2.4	17.1	2.9	3.7	26.0
West	8.5	89.3	20.5	38.9	157.3
Canada	12.4	148.1	38.5	49.8	248.8
Ontario % of Canada	4.3	24.3	34.8	12.8	22.6

Sources: Statistics Canada, *Census of Canada.*
Profile of Native Women.

Note: Includes all ages.

Table 5.11 Labour Force, Percent Women by Age Group, Ontario, Annual Averages, Selected Years, 1946 to 1985

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 & Over	Total
			percent women			
1985	49.3	47.1	44.3	39.8	31.5	43.7
1984	48.6	47.8	44.2	38.7	29.2	43.4
1983	48.8	47.4	44.0	38.1	28.6	43.1
1982	48.6	47.3	43.3	37.7	30.4	42.7
1981	47.7	47.0	42.6	37.4	31.3	42.2
1980	47.7	47.6	41.6	37.3	27.0	41.7
1979	47.4	46.7	40.6	37.0	28.0	41.0
1978	46.7	46.4	39.9	35.9	26.4	40.3
1977	47.2	46.3	38.6	35.7	24.6	39.6
1976	48.2	46.1	37.9	35.1	26.4	39.2
1975	46.8	45.7	37.8	34.1	25.6	38.7
1974	45.8	44.3	34.3	32.8	22.7	36.3
1973	45.2	43.5	33.4	32.7	22.1	35.6
1972	45.6	43.1	32.7	31.4	23.6	34.8
1971	47.0	42.9	31.4	31.5	24.7	34.4
1966	44.4	40.2	28.8	28.9	21.1	31.4
1961	45.1	37.3	25.8	26.2	20.0	28.5
1956	44.0	37.6	23.9	21.2	15.8	26.1
1951	. .	. .	. .	. .	. .	23.7
1946	. .	. .	. .	. .	. .	24.5

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Note: See Table 8.3, notes 1 and 2.

Table 5.12 Labour Force Participation Rates for Women by Age Group, Ontario, Annual Averages, Selected Years, 1946 to 1985

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 & Over	Total Ontario	Total Canada
				percent			
1985	59.1	77.3	74.2	53.7	4.5	57.9	54.3
1984	57.7	77.9	73.7	50.9	4.2	57.0	53.5
1983	56.9	76.9	73.0	50.5	4.2	56.4	52.6
1982	57.2	76.2	71.3	50.7	5.0	55.8	51.7
1981	58.4	75.8	70.0	50.4	5.5	55.5	51.7
1980	57.0	76.5	67.5	50.1	4.4	54.3	50.4
1979	56.6	74.1	65.2	50.0	4.8	53.2	49.0
1978	52.6	72.4	63.6	47.6	4.5	51.4	47.9
1977	50.7	71.8	60.3	47.0	4.3	49.8	46.0
1976	51.0	69.9	58.9	46.2	4.8	49.0	45.2
1975	51.7	68.9	58.8	44.5	5.3	48.6	44.4
1974	45.9	66.2	51.0	42.6	4.0	44.0	40.5
1973	42.5	63.4	49.0	42.7	4.2	42.5	39.4
1972	40.3	62.9	47.7	40.5	4.9	41.2	37.8
1971	39.7	60.8	45.2	40.8	5.5	40.2	37.1
1966	36.6	56.5	39.0	37.9	6.3	36.1	33.6
1961	32.8	50.3	33.8	33.8	6.9	31.9	28.7
1956	39.3	51.9	30.5	26.0	6.4	29.4	24.9
1951	. .	. .	. .	. .	. .	26.2	23.5
1946	. .	. .	. .	. .	. .	26.9	24.7

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Note: See Table 8.3, notes 1 and 2.

Table 5.13 Single Parent Families by Sex of Parent, Labour Force Activity and Children at Home, Ontario, 1981

	Children at Home					
	1	2	3	4	5 or More	Total
			'000's			
Female Parent						
In Labour Force	65.0	40.2	14.5	3.8	1.3	124.8
Not in Labour Force	47.2	21.6	9.0	3.3	1.7	82.8
Total	112.2	61.8	23.5	7.1	3.0	207.6
Male Parent						
In Labour Force	18.3	10.7	4.0	1.2	0.6	34.9
Not in Labour Force	5.6	1.3	0.5	0.2	0.1	7.8
Total	24.0	12.0	4.5	1.4	0.8	42.6
Total	136.2	73.8	28.0	8.5	3.7	250.2

Source: Statistics Canada, *1981 Census of Canada, Census Families in Private Households*, (92-935).

Note: See Table 8.10, notes 1 and 2.

Table 5.14 Single Parent Families, Female-Led by Labour Force Activity of Family Members and Age of Parent, Ontario, 1981

	Under 35	35 – 44	45 – 54	55 & Over	Total
			number		
No Persons in Labour Force	24,310	8,985	5,190	7,970	46,450
One Person in Labour Force					
Parent	40,185	24,290	8,835	2,525	75,835
Child	200	2,355	4,680	21,715	28,945
Total	40,385	26,650	13,510	24,240	104,785
Two Persons in Labour Force					
Parent & Child	580	10,160	14,325	9,870	34,935
Children	20	770	1,795	3,345	5,930
Total	600	10,935	16,120	13,210	40,865
Three or More Persons in Labour Force					
Parent & Children	80	4,270	6,765	2,940	14,055
Children Only	5	180	545	695	1,425
Total	85	4,445	7,310	3,630	15,475
Total	65,370	51,010	42,140	49,060	207,575

Source: Statistics Canada, *1981 Census of Canada, Census Families in Private Households*, (92-935).

Note: See Table 8.10, notes 1 and 2.

Table 5.15 Labour Force, Percent Women by Industry, Ontario, 1975 to 1985

Year	Agri-culture	Other Primary	Manu-facturing	Con-struction	Trans-portation, Commu-nication & Other Utilities
			percent women		
1985	34.3	10.0	29.6	10.4	24.5
1984	32.8	10.7	30.3	8.0	25.7
1983	34.0	8.6	30.3	8.7	26.0
1982	33.3	10.0	29.0	9.1	25.3
1981	31.6	10.3	28.3	8.6	24.3
1980	32.5	9.4	29.1	9.0	23.3
1979	29.9	8.3	27.9	8.2	23.1
1978	30.4	7.1	27.6	8.1	21.9
1977	29.3	6.7	26.9	7.8	21.3
1976	28.0	6.6	27.9	7.1	20.8
1975	26.6	7.5	25.9	6.7	19.9

Table 5.15 (cont'd.)

Year	Trade	Finance, Insurance & Real Estate	Service	Public Adminis-tration	Unclas-sified	Total
			percent women			
1985	46.3	61.0	62.4	40.3	64.3	43.7
1984	45.4	59.4	62.3	39.1	65.6	43.4
1983	45.5	59.5	61.0	39.7	62.5	43.1
1982	44.9	60.9	62.1	39.6	65.4	42.7
1981	46.5	61.8	61.8	37.8	69.2	42.2
1980	46.8	60.2	61.8	35.3	68.0	41.7
1979	45.6	59.4	60.7	37.8	71.4	41.0
1978	43.2	57.9	61.4	35.6	67.9	40.3
1977	43.6	58.1	60.6	35.4	68.2	39.6
1976	43.3	58.9	59.9	34.3	65.0	39.2
1975	42.9	57.7	59.8	34.6	60.0	38.7

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force, Annual Averages, (71-529).

Notes: 1. See Table 8.17.
2. Percentages calculated using Annual Averages.

Table 5.16 Women in the Labour Force by Industry, Ontario, 1975 to 1985

Year	Agri-culture	Other Primary	Manu-facturing	Con-struction	Trans-portation, Commu-nication & Other Utilities
			percent		
1985	2.3	0.3	15.4	1.3	3.8
1984	2.2	0.3	16.1	1.0	4.0
1983	2.6	0.3	16.2	1.1	4.1
1982	2.5	0.3	16.3	1.2	4.1
1981	2.6	0.4	16.7	1.1	4.0
1980	2.7	0.3	17.5	1.3	4.1
1979	2.6	0.2	17.0	1.2	4.1
1978	2.5	0.2	16.6	1.3	4.0
1977	2.5	0.3	16.5	1.3	3.9
1976	2.2	0.3	17.7	1.2	3.9
1975	2.2	0.3	16.5	1.2	3.6

Table 5.16 (cont'd.)

Year	Trade	Finance, Insurance & Real Estate	Service	Public Adminis-tration	Unclas-sified	Total
			percent			
1985	18.1	7.8	44.1	6.0	0.9	100.0
1984	17.6	8.3	43.6	5.8	1.0	100.0
1983	17.3	7.9	43.7	5.8	1.0	100.0
1982	17.4	8.3	43.1	5.9	0.9	100.0
1981	17.7	8.3	42.6	5.7	1.0	100.0
1980	18.2	8.6	41.1	5.4	0.9	100.0
1979	18.8	8.3	41.0	5.7	1.1	100.0
1978	18.1	8.4	41.8	5.9	1.1	100.0
1977	18.2	8.4	42.0	6.1	0.9	100.0
1976	18.4	8.7	40.7	6.2	0.9	100.0
1975	19.0	8.4	41.3	6.3	1.2	100.0

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force, Annual Averages, (71-529).

Note: See notes, Table 5.15.

Table 5.17 Experienced Labour Force, Percent Women by Occupation, Ontario, Census Years, 1971 and 1981

	Percent Women		Percent Women
Managerial, Administrative & Related		Forestry & Logging	
1981	26.0	1981	12.1
1971	16.2	1971	5.2
Natural Sciences, Engineering, & Mathematics		Mining & Quarrying Including Oil & Gas Field	
1981	13.6	1981	1.9
1971	7.3	1971	0.8
Social Sciences & Related		Processing	
1981	53.5	1981	21.7
1971	39.0	1971	19.3
Religion		Machining & Related	
1981	16.2	1981	9.8
1971	10.9	1971	7.8
Teaching & Related		Product Fabricating, Assembling & Repairing	
1981	58.8	1981	26.0
1971	59.4	1971	24.3
Medicine & Health		Construction Trades	
1981	79.0	1981	2.0
1971	75.4	1971	1.0
Artistic, Literary, Recreational & Related		Transport Equipment Operating	
1981	40.8	1981	8.3
1971	28.9	1971	3.3
Clerical & Related		Materials Handling & Related, n.e.c.	
1981	77.3	1981	28.0
1971	70.1	1971	25.9
Sales		Other Crafts & Equipment Operating	
1981	43.3	1981	22.2
1971	32.1	1971	13.8
Service		Occupations Not Elsewhere Classified	
1981	52.0	1981	20.7
1971	46.5	1971	15.2
Farming, Horticultural & Animal Husbandry		Occupation Not Stated	
1981	26.0	1981	42.8
1971	22.9	1971	43.7
Fishing, Hunting, Trapping & Related		All Occupations	
1981	12.2	1981	41.9
1971	8.0	1971	35.9

Source: Statistics Canada, *1981 Census of Canada, Labour Force–Occupation Trends*, (92-920).

Note: See Table 8.20, notes 1 and 2.

Table 5.18 Women in the Labour Force by Highest Level of Schooling and Age, Ontario, 1981

	15 – 24	25 – 44	45 – 64	65 & Over	Total
			percent		
Less Than Grade 9	1.8	8.1	21.4	29.0	9.9
Grades 9 – 13 Without Certificate or Diploma	32.2	21.9	29.5	26.2	26.6
Grades 9 – 13 With Certificate or Diploma	24.6	16.2	12.2	10.1	17.4
Trade Certificate or Diploma	4.8	8.0	8.0	6.5	7.1
Some University or Other Non-University Without Certificate or Diploma	18.5	10.9	9.3	10.6	12.5
Some University or Other Non-University With Certificate or Diploma	12.4	20.3	14.2	11.8	16.6
University Degree	5.6	14.6	5.4	5.8	9.8
Total	100.0	100.0	100.0	100.0	100.0
			'000's		
Total Women	507.4	890.6	451.0	29.3	1,878.3

Source: Statistics Canada, *1981 Census of Canada, Labour Force Activity, (92-915).*

Note: See Table 8.24.

Table 5.19 Population by Income and Sex, Ontario, 1981

	Women	% of Total	Men	% of Total
	'000's		'000's	
Under $1,000	277.6	10.2	135.0	4.4
1,000 – 1,999	198.7	7.3	107.6	3.5
2,000 – 2,999	185.6	6.8	92.7	3.0
3,000 – 3,999	167.9	6.1	84.3	2.8
4,000 – 5,999	446.5	16.3	228.3	7.5
6,000 – 7,999	268.6	9.8	173.6	5.7
8,000 – 9,999	231.4	8.5	164.1	5.4
10,000 – 14,999	506.8	18.6	445.3	14.6
15,000 & Over	448.4	16.4	1,611.6	53.0
Total	2,731.6	100.0	3,042.4	100.0
	$		$	
Average Income	8,635	. . .	17,517	. . .
Median Income	6,621	. . .	15,840	. . .

Source: Statistics Canada, *1981 Census of Canada, Population, Private Households, Census Families in Private Households, (93-954).*

Notes:
1. Includes only persons 15 years of age and over with income.
2. 1980 Income Groups are shown.
3. Income is defined as money income from any of the following sources: wages and salaries, net income from non-farm and farm self-employment, old age pensions, family allowances, unemployment insurance benefits, other government payments, investment income, retirement pensions and other money income. For more detail, see notes, Table 9.14.

Table 5.20 Average Employment Income by Occupation and Sex, Ontario, 1981

	Average Income		Women's Income % of Men's
	Women	Men	
	dollars		
Managerial, Administrative & Related	15,451	28,901	53.5
Natural Sciences, Engineering & Mathematics	13,649	22,023	62.0
Social Sciences & Related	10,626	25,121	42.3
Religion	7,986	12,435	64.2
Teaching & Related	14,283	24,671	57.9
Medicine & Health	11,744	34,427	34.1
Artistic, Literary, Recreational & Related	8,555	14,330	59.7
Clerical & Related	8,816	13,341	66.1
Sales	6,473	16,411	39.4
Service	4,880	11,578	42.1
Farming, Horticultural & Animal Husbandry	4,310	8,424	51.2
Fishing, Trapping & Related	. . .	11,210	. . .
Forestry & Logging	3,149	14,063	22.4
Mining & Quarrying Including Oil & Gas Field	10,395	18,496	56.2
Processing	8,050	15,899	50.6
Machining & Related	8,699	16,673	52.2
Product Fabricating, Assembling & Repairing	8,229	15,752	52.2
Construction Trades	9,909	15,263	64.9
Transport Equipment Operating	6,562	16,383	40.1
Material Handling & Related	7,341	13,112	56.0
Other Crafts & Equipment Operating	8,441	18,488	45.7
Occupations Not Elsewhere Classified	7,071	10,875	65.0
All Occupations	8,815	17,319	50.9

Source: Statistics Canada, *1981 Census of Canada, Population, Worked in 1980 – Employment Income by Occupation*, (92-930).

Note: Includes persons 15 years of age and over who had income in 1980 from either full or part-time employment.

Table 5.21 Average Income by Age, Marital Status and Sex, Ontario, 1981

	Women	Men	Women's Income % of Men's
	dollars		
15 – 19	2,419	3,078	78.6
20 – 24	6,950	9,782	71.0
25 – 34	10,236	18,304	55.9
35 – 44	10,472	23,523	44.5
45 – 54	10,226	23,999	42.6
55 – 64	8,998	21,313	42.2
65 & Over	7,748	12,833	60.4
All Age Groups	8,635	17,517	49.3
Single	7,331	8,807	83.2
Married	8,841	20,899	42.3
Widowed	9,122	12,640	72.2
Divorced	11,782	17,274	68.2

Source: Statistics Canada, *1981 Census of Canada, Population, Private Households, Census Families in Private Households*, (93-954).

Note: Married includes persons who are separated from their spouse.

Table 5.22 Single Parent Families by Sex of Parent and Family Income, Ontario, 1970 and 1980

Year	Without Income	Under $2,000	2,000 – 4,999	5,000 – 6,999	7,000 – 9,999	10,000 – 14,999	15,000 – 24,999	25,000 – 34,999	35,000 & Over	Total With Income	Average Income
	number										$
1980											
Female	570	21,145	21,595	24,780	24,705	36,695	46,695	19,700	11,695	207,005	14,219
Male	125	1,270	1,520	1,660	2,570	5,065	14,010	8,840	7,580	42,510	24,206
1970											
Female	835	13,520	15,390	14,960	19,395	26,415	27,350	8,810	4,815	130,660	12,649
Male	120	1,145	1,865	1,565	2,630	6,150	12,585	4,500	2,960	33,400	19,309

Source: Statistics Canada, *1981 Census of Canada, Census Families in Private Households,* (92-936).

Notes: 1. Based on 20% data.
2. Family Income has been measured in constant (1980) dollars.

Table 5.23 Employed Labour Force, Percent Women by Type of Worker, Ontario, Selected Years, 1966 to 1985

		Self-Employed				
Year	Paid Workers	Own Account Workers	Employers	Total	Unpaid Family Workers	Total
	percent women					
1985	44.0	42.7	20.6	35.3	76.9	43.5
1984	43.7	42.0	21.6	35.7	74.1	43.2
1983	43.7	41.6	20.5	34.3	76.7	43.2
1982	43.2	40.2	19.8	33.0	78.1	42.7
1981	42.1	40.3	18.8	33.6	78.4	41.8
1980	41.7	38.9	20.0	33.1	80.0	41.4
1979	40.8	39.4	16.7	31.9	77.3	40.4
1978	39.9	37.6	16.8	30.6	80.5	39.6
1977	39.4	36.6	15.7	29.1	78.4	38.9
1976	39.1	32.7	12.5	25.5	82.4	38.5
1975	38.6	32.5	14.6	26.0	79.4	38.0
1974	37.7	17.0	11.3	14.2	66.7	36.2
1973	37.3	13.0	8.6	10.9	70.7	35.6
1972	36.6	14.0	10.4	12.1	71.8	35.0
1971	36.2	14.2	9.3	11.8	66.0	34.6
1966	33.1	12.9	8.0	10.6	67.4	31.5

Sources: Statistics Canada, *The Labour Force,* (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes: 1. See notes, Table 8.29
2. See Table 5.15, note 2.

Table 5.24 Women in the Employed Labour Force by Type of Worker, Ontario, Selected Years, 1966 to 1985

Year	Paid Workers	Own Account Workers	Employers	Unpaid Family Workers	Total	
			percent			'000's
1985	92.0	5.5	1.4	1.0	100.0	1,914
1984	92.0	5.6	1.3	1.1	100.0	1,832
1983	92.1	5.2	1.4	1.3	100.0	1,768
1982	92.3	5.0	1.3	1.4	100.0	1,735
1981	92.0	5.2	1.1	1.7	100.0	1,744
1980	91.9	5.3	1.2	1.7	100.0	1,676
1979	91.4	5.4	1.1	2.1	100.0	1,615
1978	91.4	5.3	1.2	2.2	100.0	1,517
1977	92.0	4.8	1.2	2.0	100.0	1,444
1976	93.2	4.0	0.9	2.0	100.0	1,403
1975	93.0	4.0	1.0	2.0	100.0	1,360
1974	94.6	1.9	1.2	2.2	100.0	1,247
1973	95.0	1.5	0.9	2.5	100.0	1,176
1972	94.6	1.6	1.3	2.5	100.0	1,109
1971	94.1	1.8	1.1	2.9	100.0	1,053
1966	93.0	2.2	1.2	3.7	100.0	837

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes: 1. See notes, Table 8.29.
2. See Table 5.15, note 2.

Table 5.25 Full-Time and Part-Time Employment of Women, Ontario, Selected Years, 1966 to 1985

Year	Full-time	Part-time	Total		Full-time Women % of Total Full-time	Part-time Women % of Total Part-time
		percent		'000's		
1985	73.7	26.3	100.0	1,914	38.0	72.5
1984	73.7	26.3	100.0	1,832	37.9	71.4
1983	73.7	26.3	100.0	1,768	37.9	71.0
1982	74.2	25.8	100.0	1,735	37.4	71.7
1981	75.1	24.9	100.0	1,744	36.7	71.7
1980	75.4	24.6	100.0	1,676	36.2	72.7
1979	75.5	24.5	100.0	1,615	35.4	71.8
1978	76.4	23.6	100.0	1,517	34.8	71.3
1977	76.4	23.5	100.0	1,444	34.1	71.6
1976	77.6	22.4	100.0	1,403	34.0	70.9
1975	78.1	21.9	100.0	1,360	33.8	69.3
1974	76.1	24.0	100.0	1,247	31.3	72.4
1973	76.4	23.6	100.0	1,176	30.8	71.8
1972	76.2	23.8	100.0	1,109	30.3	70.2
1971	75.9	24.1	100.0	1,053	29.8	70.2
1966	78.7	21.3	100.0	837	27.3	73.0

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Historical Labour Force Statistics, (71-201).
Special tabulations.

Notes: 1. See notes, Table 8.30.
2. See Table 5.15, note 2.

Table 5.26 Women Members of Labour Organizations, Ontario and Other Regions of Canada, 1974 to 1983

Year	Membership Women	Membership Total	Women % of Total
	'000's		
1983			
Ontario	409.9	1,221.3	33.6
Atlantic	85.9	274.1	31.3
Quebec	331.4	910.9	36.4
West	352.1	985.0	35.7
Canada	1,179.2	3,391.2	34.8
Ontario % of Canada	34.8	36.0	. . .
Ontario			
1982	336.7	1,095.8	30.7
1981	331.2	1,123.2	29.5
1980	314.1	1,109.8	28.3
1979	306.8	1,116.4	27.5
1978	288.0	1,076.4	26.8
1977	275.8	1,057.4	26.1
1976	240.7	1,017.3	23.7
1975	231.7	1,011.7	22.9
1974	217.3	985.5	22.1

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, (71-202).*

Note: Data come from labour organizations that filed returns under The Corporations and Labour Unions Returns Act. The legislation applies to every labour union in Canada having a local in Canada and 100 or more members resident in Canada.

Table 5.27 Women Members of Labour Organizations by Type of Organization, Ontario, 1974 to 1983

	International Unions		National Unions		Government Employees' Organizations	
Year	Women	% of Total	Women	% of Total	Women	% of Total
	#		#		#	
1983	137,328	22.0	195,775	48.3	76,751	39.9
1982	128,726	20.9	132,345	45.5	75,665	39.8
1981	134,337	20.5	122,749	44.0	74,138	39.4
1980	135,994	20.0	107,365	43.3	70,758	39.3
1979	138,152	19.5	99,528	43.1	69,162	38.8
1978	126,838	18.5	92,878	43.0	68,301	39.1
1977	123,807	18.2	91,550	42.6	60,451	37.6
1976	120,838	17.8	63,599	35.5	56,254	35.6
1975	117,600	17.2	59,909	34.5	54,213	35.0
1974	114,175	16.9	50,334	31.6	52,752	35.3

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, (71-202).*

Note: See note, Table 5.26.

Table 5.28 Provincial Government Civil Servants by Sex and Salary, Ontario, 1976 to 1985

Year	Under $10,000	10,000 – 14,999	15,000 – 19,999	20,000 – 24,999	25,000 – 29,999	30,000 & Over	Total	% of Total	Average Salary
			percent				#		$
1985									
Women	. .	1.4	28.9	42.3	14.9	12.5	28,864	42.5	23,127
Men	. .	0.5	5.7	23.7	25.9	44.1	38,981	57.5	29,723
1984									
Women	. .	1.9	48.0	29.3	11.2	9.6	28,555	42.2	21,725
Men	. .	0.7	10.6	28.5	22.3	37.9	39,074	57.8	28,280
1983									
Women	. .	4.4	61.8	16.9	10.1	6.8	28,900	41.8	20,422
Men	. .	1.0	21.2	26.3	24.5	27.0	40,212	58.2	26,955
1982									
Women	0.6	25.3	51.4	13.5	5.3	4.0	28,563	41.5	18,003
Men	0.1	3.0	30.2	27.9	17.8	21.0	40,291	58.5	24,455
1981									
Women	0.8	54.5	27.8	11.6	3.0	2.4	28,604	41.2	16,118
Men	0.2	10.3	34.9	29.4	11.5	13.7	40,884	58.8	22,389
1980									
Women	3.3	69.5	15.1	8.6	2.2	1.3	28,362	40.8	14,461
Men	0.4	26.0	31.5	23.9	9.3	9.0	41,086	59.2	20,058
1979									
Women	11.2	66.8	16.0	3.9	1.2	0.9	27,838	40.0	13,167
Men	1.0	32.7	33.0	19.7	6.8	6.8	41,796	60.0	18,446
1978									
Women	21.9	58.6	14.4	3.3	0.9	0.8	27,211	39.3	12,575
Men	1.6	37.3	36.0	13.2	5.7	6.1	42,085	60.7	17,828
1977									
Women	25.9	59.4	11.6	1.9	0.6	0.6	26,525	38.7	12,114
Men	2.6	44.7	34.0	10.2	4.3	4.2	41,956	61.3	16,764
1976									
Women	63.5	30.7	4.2	0.9	0.4	0.2	25,903	38.0	10,136
Men	15.3	49.9	22.7	6.9	3.2	2.0	42,322	62.0	14,406

Sources: Ontario Civil Service Commission, *Annual Report.*
Ontario Women's Directorate, *Employment Equity/Affirmative Action in the Ontario Public Service, 1984/85.*
Affirmative Action in the Ontario Public Service, 1983/84.
Annual Report.

Notes:
1. Data are as of March 31.
2. For 1983 to 1985, the data in salary group 10,000 – 14,999 represent all employees earning less than $15,000 per annum.
3. Figures represent classified staff only, with the exception of OPP uniformed staff, security guards, and environment plant operators where both classified and unclassified employees have been included.
4. Includes staff in the Office of the Lieutenant-Governor.
5. Does not include staff in the Legislative Assembly and the Office of the Ombudsman.
6. Staff in the Office of the Provincial Auditor were no longer counted as civil servants after 1978.
7. Includes staff on L.T.I.P. (Long Term Income Protection).

Table 5.29 Provincial Government Civil Service, Percent Women by Occupational Module or Category, Ontario, 1975 to 1985

Year	Administrative		Clerical		Operational		Technical	
	Module	Category	Module	Category	Module	Category	Module	Category
				percent women				
1985	32.2	30.4	80.4	81.2	15.3	40.8	3.5	14.8
1984	30.8	28.3	80.5	80.8	15.9	41.2	3.6	14.2
1983	29.3	27.2	78.5	80.7	15.7	41.9	2.9	14.0
1982	27.3	25.4	78.2	80.3	14.7	42.2	2.6	13.8
1981	24.3	23.9	78.3	79.5	14.6	41.1	2.6	13.4
1980	23.0	24.3	70.8	79.9	13.5	40.5	2.1	14.1
1979	19.3	23.1	69.7	78.4	14.5	39.8	1.0	14.5
1978	17.9	21.1	68.5	77.7	14.4	39.1	0.8	14.4
1977	16.8	19.9	66.5	77.3	14.4	38.9	0.8	13.8
1976	15.2	17.8	63.6	76.2	14.4	38.1	0.7	13.6
1975	15.9	16.0	62.7	74.3	14.3	28.5	0.8	14.2

Table 5.29 (cont'd.)

	Module		Category					
Year	Executive Compensation Plan	Professional	Law Enforcement	Institutional Care	Correctional	Maintenance	Office Services	Scientific Professional
				percent women				
1985	11.9	21.8	3.0	64.9	16.1	3.5	94.7	58.7
1984	9.2	20.9	2.6	65.5	15.5	3.5	94.9	58.5
1983	8.2	19.8	2.4	65.4	15.2	3.5	95.5	57.6
1982	7.3	19.2	2.3	65.3	15.0	3.8	95.6	58.0
1981	6.3	18.6	2.1	64.8	14.5	3.7	95.6	57.5
1980	5.6	17.4	1.9	64.0	13.9	3.1	95.7	63.1
1979	4.3	17.2	1.9	46.4	. .	2.9	95.4	62.0
1978	4.1	17.0	1.7	45.8	. .	2.6	95.6	61.8
1977	4.7	16.2	3.1	45.9	. .	2.5	95.8	62.1
1976	. .	15.6	. .	45.1	. .	2.4	95.6	60.8
1975	. .	15.4	. .	44.6	. .	2.3	95.6	60.9

Sources: Ontario Women's Directorate, *Annual Reports.*
Affirmative Action in the Ontario Public Service 1983/84.
Employment Equity/Affirmative Action in the Ontario Public Service 1984/85.

Notes: 1. See Table 5.28, note 1.
2. No data available for 1977 Senior Compensation Plan.
3. Not shown are a small percentage of unknown categories.
4. Prior to 1980, Correctional Category is included with Institutional Care.

Table 5.30 Mental and Psychiatric Hospitals, Separations by Age, Sex and Marital Status, Ontario, 1982/83

	Single	Married	Widowed & Divorced	Not Stated	Total
			number		
15 – 19					
Female	387	15	1	–	403
Male	777	8	–	–	785
20 – 44					
Female	1,829	1,679	462	6	3,976
Male	4,730	1,961	560	6	7,257
45 – 64					
Female	310	1,246	538	1	2,095
Male	715	1,127	420	2	2,264
65 & Over					
Female	159	334	531	1	1,025
Male	175	391	180	1	747
Total					
Female	2,685	3,274	1,532	8	7,499
Male	6,397	3,487	1,160	9	11,053

Source: Statistics Canada, Health Division, Unpublished data.

Notes: 1. Data are for fiscal year ending March 31, 1983.
2. Separation is the discharge or death of an inpatient.

Table 5.31 Mental and Psychiatric Hospitals, Separations by Diagnostic Class and Sex, Ontario, 1982/83

	Female		Male	
	#	%	#	%
Organic Psychotic Conditions				
Senile & Presenile Organic Psychotic Conditions	195	2.6	154	1.4
Alcoholic Psychoses	52	0.7	172	1.6
Drug Psychoses	40	0.5	114	1.0
Other Organic Psychotic Conditions	106	1.4	131	1.2
Total	393	5.2	571	5.2
Other Psychoses				
Schizophrenic Psychoses	1,928	25.6	3,376	30.4
Affective Psychoses	1,406	18.7	1,045	9.4
Paranoid States	164	2.2	148	1.3
Other Nonorganic Psychoses	225	3.0	225	2.0
Total	3,723	49.4	4,794	43.2
Nonpsychotic Mental Disorders				
Neurotic Disorders	875	11.6	667	6.0
Personality Disorders	895	11.9	1,509	13.6
Sexual Deviations & Disorders	3	--	46	0.4
Alcoholic Dependence Syndrome	457	6.1	1,931	17.4
Drug Dependence	86	1.1	165	1.5
Nondependent Abuse of Drugs	52	0.7	135	1.2
Acute Reaction to Stress	207	2.7	218	2.0
Other Nonpsychotic Mental Disorders	644	8.5	730	6.6
Total	3,219	42.7	5,401	48.7
Mental Retardation	181	2.4	273	2.5
Other or Not Stated	21	0.3	49	0.4
All Diagnoses	7,537	100.0	11,088	100.0

Source: Statistics Canada, Health Division, Unpublished data.

Note: See notes, Table 5.30.

Table 5.32 Adult Alcohol and Drug Use by Sex, Ontario, Selected Years, 1976 to 1984

Year	Sleeping Pills	Stimulants	Tranquilizers	Marijuana	Cocaine	Alcohol
			percent of respondents			
1984						
Female	9.9	2.6	12.3	7.1	1.9	82.1
Male	4.6	2.4	6.1	15.6	4.8	86.4
Total	7.3	2.5	9.3	11.2	3.3	84.2
1982^r						
Female	8.1	3.1	9.4	4.1	..	72.5
Male	4.3	3.5	6.0	12.3	..	80.4
Total	6.2	3.3	7.7	8.2	..	76.4
1977						
Female	10.1	1.8	17.3	5.8	..	76.5
Male	6.9	1.6	9.4	11.6	..	87.1
Total	8.5	1.7	13.2	8.6	..	82.1
1976						
Female	11.1	0.6	19.3	2.3	..	75.2
Male	8.1	0.8	8.2	8.2	..	85.7
Total	8.6	0.7	13.7	5.8	..	80.5

Source: Addiction Research Foundation, *Statistics on Alcohol and Drug Use in Canada and Other Countries, 1982 and 1984.*

Notes: 1. Data based on Gallup household surveys with sample sizes of 1,545 in 1976, 1,772 in 1977, 1,040 in 1982 and 1,051 in 1984. Users are defined as anyone who has used alcohol or the drugs within the previous twelve months, with the exception that for alcohol use in 1982 and 1984, users are defined as anyone who has ever used alcohol. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

2. From 1982 on, figures have been adjusted to exclude "not stated" and "don't know" responses.

Table 5.33 Five Leading Causes of Death of Females Compared to Males by Age Group, Ontario, 1983

	Females		Males	
	#	Rate	#	Rate
Under 1 Year				
Congenital Anomalies	149	241.8	156	239.3
Other Conditions Originating in the Perinatal Period	119	193.1	157	240.8
Symptoms, Signs and Other Ill Defined Conditions	68	110.3	95	145.7
Intrauterine Hypoxia, Birth Asphyxia & Respiratory Distress Syndrome	51	82.7	81	124.2
Accidents & Adverse Effects	11	17.8	14	21.5
1 – 4				
Congenital Anomalies	19	8.1	18	7.3
Accidents	18	7.6	46	18.6
Cancer	12	5.1	17	6.9
Diseases of Nervous System	8	3.4	12	4.9
Diseases of Respiratory System	5	2.1	8	3.2
5 – 19				
Accidents	101	10.3	274	26.4
Cancer	38	3.9	46	4.4
Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders	14	1.4	2	0.2
Violent Deaths	13	1.3	16	1.5
Congenital Anomalies	12	1.2	17	1.6
Suicide	12	1.2	65	6.3
20 – 44				
Cancer	433	24.7	327	18.9
Accidents	206	11.7	806	46.5
Suicide	114	6.5	419	24.2
Diseases of the Heart	76	4.3	317	18.3
Diseases of the Digestive System	50	2.8	76	4.4
45 – 64				
Cancer	2,321	254.7	2,763	313.4
Diseases of the Heart	1,004	110.2	3,230	366.3
Cerebrovascular Diseases	263	28.9	304	34.5
Accidents	154	16.9	382	43.3
Chronic Liver Disease & Cirrhosis of Liver	135	14.8	323	36.6
65 & Over				
Diseases of the Heart	8,814	1,651.2	8,770	2,312.2
Cancer	4,485	840.2	5,520	1,455.3
Cerebrovascular Diseases	2,885	540.5	1,887	497.5
Diseases of Arteries, Arterioles and Capillaries	1,017	190.5	972	256.3
Pneumonia	991	185.7	878	231.5
All Ages				
Diseases of the Heart	9,907	221.0	12,324	283.8
Cancer	7,289	162.6	8,675	199.8
Cerebrovascular Diseases	3,193	71.2	2,233	51.4
Diseases of Arteries, Arterioles and Capillaries	1,084	24.2	1,134	26.1
Pneumonia	1,069	23.8	1,024	23.6

Source: Office of the Registrar General, *Ontario Vital Statistics, 1983.*

Notes: 1. These are the leading causes of death for women but not necessarily for men.
2. Rates for deaths under 1 year are per 100,000 live births. All other rates are per 100,000 population.

Table 5.34 Deaths of Women from Cancer and Heart Disease, Ontario and Canada, Selected Years, 1966 to 1984

Year	Deaths of Women from Cancer				Deaths of Women from Heart Disease			
	Ontario		Canada		Ontario		Canada	
	#	%	#	%	#	%	#	%
1984	7,615	46.0	19,875	44.4	9,926	45.2	25,479	43.8
1983	7,289	45.7	19,003	44.3	9,907	44.6	25,118	43.0
1982	7,071	45.9	18,515	44.1	10,219	44.7	25,532	43.0
1981	6,850	45.8	17,974	44.5	9,848	44.2	24,756	42.4
1980	6,528	45.6	17,398	44.0	10,006	43.8	25,086	42.4
1979	6,453	45.9	17,076	44.3	9,635	43.3	24,076	41.6
1978	6,134	45.4	16,293	44.0	9,694	43.2	24,255	41.5
1977	5,969	45.3	15,794	44.0	9,756	42.3	24,087	40.7
1976	5,657	44.9	15,232	43.9	9,486	42.1	23,792	40.5
1975	5,582	45.3	14,908	44.0	9,462	42.4	23,408	40.6
1974	5,624	46.2	15,036	44.7	9,565	42.2	23,920	40.6
1973	5,415	45.5	14,631	44.4	9,406	42.2	23,136	40.5
1972	5,352	46.0	14,330	44.6	9,093	41.4	22,594	39.9
1971	4,893	44.8	13,610	44.0	8,878	41.4	22,033	39.8
1966	4,259	44.8	11,852	44.1	8,499	40.1	21,313	39.2

Source: Statistics Canada, *Vital Statistics, Causes of Death, (84-203).*

Note: Percentages represent the proportion female of all cancer or heart disease deaths.

Table 5.35 Therapeutic Abortions, Ontario and Other Regions of Canada, 1970 to 1983

Year	Abortions Performed	Therapeutic Abortion Rate
	#	
1983		
Ontario	28,466	22.4
Atlantic	2,379	7.0
Quebec	9,462	10.7
West	21,493	17.2
Canada	61,800	16.5
Ontario % of Canada	46.1	. . .
Ontario		
1982	31,379	25.1
1981	30,592	25.0
1980	31,131	25.2
1979	30,871	25.4
1978	29,374	24.3
1977	27,852	22.7
1976	26,862	21.9
1975	24,983	19.9
1974	24,844	20.0
1973	22,661	18.3
1972	20,314	16.2
1971	16,244	12.5
1970	5,657	4.2

Sources: Statistics Canada, *Therapeutic Abortions, Canada, 1983, (82-546).*
Therapeutic Abortions, (82-211).
Basic Facts on Therapeutic Abortions, Canada, (82-215).
Vital Statistics, Births and Deaths, (84-204).

Note: The therapeutic abortion rate is defined as the number of therapeutic abortions per 100 live births.

Table 5.36 Selected Demographic and Medical Characteristics of Women Obtaining Therapeutic Abortions, Ontario, Selected Years, 1975 to 1983

	1975	1979	1983
		Distribution %	
Age Group			
Under 20	31.3	30.4	24.9
20 – 24	29.1	31.5	33.3
25 – 29	19.4	19.3	20.8
30 – 34	10.7	11.3	12.6
35 – 39	6.4	5.4	6.4
40 – 44	2.8	1.8	1.8
45 & Over	0.3	0.2	0.2
Total	100	100	100
Marital Status			
Single	58.4	64.0	66.1
Married	31.4	24.7	22.4
Other & Unknown	10.2	11.3	11.5
Total	100	100	100
Gestation			
Under 9 Weeks	22.4	24.5	27.7
9 – 12 Weeks	58.9	61.3	60.2
13 Weeks & Over	18.7	14.2	12.1
Total	100	100	100
Previous Deliveries			
None	57.3	61.7	60.9
1	14.3	15.5	17.1
2	14.5	13.3	13.8
3 or More	11.8	7.3	6.2
Unknown	2.0	2.2	2.0
Total	100	100	100
Previous Induced Abortions			
None	88.9	83.7	78.7
1	7.6	11.9	15.4
More than 1	1.0	2.1	3.5
Unknown	2.5	2.3	2.3
Total	100	100	100

Source: Statistics Canada, *Therapeutic Abortions, Canada, 1983, (82-546).*

Notes: 1. Information about the selected demographic and medical characteristics of Canadian women obtaining therapeutic abortions was available for over 99% of the therapeutic abortion cases for Canadian residents each year.

2. Previous Induced Abortions is defined as the number of previous abortions, whether induced medically or otherwise.

Table 5.37 Mothers Receiving Family Benefits by Case Classification, Ontario, 1976 to 1983

Year	Widowed	Deserted	Divorced	Unwed	Separated	Other	Total	% of All FBA Cases
				number				
1983	3,320	19,861	8,939	19,439	2,626	861	55,046	42.7
1982	3,384	19,399	8,054	17,820	1,825	721	51,203	42.0
1981	3,606	20,222	7,488	16,947	1,128	685	50,076	42.0
1980	3,826	20,198	7,061	16,182	399	735	48,401	41.9
1979	4,173	20,590	6,741	15,634	. .	792	47,930	43.1
1978	4,511	21,388	6,354	15,618	. .	831	48,702	43.3
1977	4,726	20,713	5,908	14,277	. .	812	46,436	42.6
1976	4,895	18,781	5,143	12,057	. .	719	41,595	40.8

Source: Ministry of Community and Social Services, *Statistical Supplement.*

Notes: 1. Caseload as of March.

2. Other includes those women whose husbands are in penal and other institutions, common law wives, etc.

3. Family Benefits caseload includes recipients of both Family Benefits Allowance and Guaranteed Annual Income for the Disabled (GAINS-D).

Table 5.38 Mothers Receiving Family Benefits by Case Classification and Family Size, Ontario, 1983

	Family Size				
	2	3	4	5 & Over	Total
			number		
Widowed	1,753	923	405	239	3,320
Deserted	7,369	7,778	3,371	1,343	19,861
Divorced	3,864	3,288	1,357	430	8,939
Unwed	13,796	4,159	1,117	367	19,439
Separated	994	1,110	382	140	2,626
Other	524	224	80	33	861
Total	28,300	17,482	6,712	2,552	55,046
% of All FBA Mothers	51.4	31.8	12.2	4.6	100.0

Source: Ministry of Community and Social Services, *Statistical Supplement.*

Note: See Table 5.37, notes 1 and 2.

Table 5.39 Labour Force and Participation Rates, Women With Children by Age of Youngest Child, Ontario, 1975 to 1985

	Age of Youngest Child							
Year	Under 3		3 – 5		6 – 15		Total	
	%	'000's	%	'000's	%	'000's	%	'000's
1985	56.9	188.0	63.6	131.0	71.6	411.0	65.8	729.0
1984	56.5	185.0	63.4	131.0	69.7	405.0	64.7	721.0
1983	53.0	172.0	61.5	123.0	68.7	391.0	62.7	686.0
1982	51.6	165.0	59.8	120.0	67.5	389.0	61.4	674.0
1981	49.5	158.0	58.3	116.0	67.1	392.0	60.4	666.0
1980	47.9	147.0	56.2	123.0	64.2	383.0	58.2	653.0
1979	45.2	146.0	54.6	115.0	61.8	377.0	55.8	638.0
1978	43.4	138.0	51.2	113.0	60.5	366.0	53.9	617.0
1977	39.0	126.0	47.4	101.0	57.9	346.0	50.6	573.0
1976	41.0	115.0	46.4	108.0	55.9	326.0	48.7	549.0
1975	36.6	116.0	46.2	104.0	55.0	318.0	48.0	538.0

Source: Statistics Canada, Labour Force Survey Division, Unpublished data.

Table 5.40 Day Nurseries, Capacity and Enrolment, Ontario, 1979 to 1984

			Enrolment				
Year	Facilities	Capacity	Handicapped	Other	Total	Ontario Child Population (0 – 9 Years)	% Child Population Enrolled
			number			'000's	
1984^p	1,999	73,340	2,373	86,325	88,698	1,224.2	7.2
1983^r	1,943	70,599	2,890	80,553	83,443	1,212.8	6.9
1982^r	1,877	68,955	2,876	78,892	81,768	1,207.7	6.8
1981	1,750	64,880	2,950	73,370	76,320	1,210.3	6.3
1980	1,625	60,346	2,424	67,094	69,518	1,228.8	5.7
1979	1,509	55,998	1,931	61,859	63,790	1,243.8	5.1

Sources: Statistics Canada, Demographic Division, *Revised Post-Censal Estimates.*
Daily, April 21, May 6 and September 19, 1983, (11-001).
Ministry of Community and Social Services, *Day Nurseries Information Systems, (DNIS).*

Notes:
1. Facility, capacity and enrolment figures are as of December 31.
2. See Table 30.16, notes 1 and 2.
3. See note, Table 5.1.

Table 5.41 Day Nurseries, Enrolment by Age Group, Ontario, 1979 to 1984

Year	1 – 18 Months	18 – 30 Months	30 – 36 Months	4 Years	5 Years	6 – 9 Years	10 Years & Over	Total
					number			
1984	1,558	4,978	49,641	17,640	7,928	6,724	229	88,698
1983	1,269	3,878	47,866	16,604	7,107	6,451	268	83,443
1982	1,226	3,447	48,665	15,109	6,853	6,229	239	81,768
1981	1,134	3,117	43,747	15,721	6,829	5,594	178	76,320
1980	929	2,714	41,827	13,517	5,760	4,606	165	69,518
1979	950	2,117	45,284	7,119	4,988	3,218	114	63,790

Source: Ministry of Community and Social Services, *Day Nurseries Information Systems, (DNIS).*

Notes: 1. Data as of December 31.

2. See Table 30.16, notes 1 and 2.

Table 5.42 Residents of Homes for the Aged, Percent Female by Age and Type of Care, Ontario, 1984

	Residential Care	Extended Care	Total in Care
		percent female	
Municipal Homes			
Under 60 Years	46.1	54.3	49.5
60 – 64	41.8	50.5	45.9
65 – 69	50.2	52.7	51.4
70 – 74	53.6	59.0	56.5
75 – 84	65.9	69.3	67.8
85 & Over	71.2	78.9	76.3
Total	64.1	71.5	68.5
Charitable Homes			
Under 60 Years	35.2	40.0	35.9
60 – 64	43.3	55.0	45.5
65 – 69	59.0	69.5	61.4
70 – 74	65.5	67.3	65.9
75 – 84	77.7	76.7	77.4
85 & Over	79.5	81.8	80.3
Total	75.5	78.5	76.4
Total	69.6	73.1	71.3

Source: Ministry of Community and Social Services, Unpublished data.

Notes: 1. Data are unavailable for one Charitable Home with 139 Residential Care beds, three Municipal Homes with 132 Residential Care beds and 164 Extended Care beds, and the Satellite Program in Metro Toronto with 485 beds.

2. See Table 5.28, note 1.

Table 5.43 Women Residents of Homes for the Aged by Age and Type of Care, Ontario, 1984

	Women in Care	Female Population	Women in Care % of Female Population
	#	'000's	
Municipal Homes			
Under 60 Years	110	3,775.8	--
60 – 64	206	221.8	0.1
65 – 69	434	167.4	0.3
70 – 74	974	144.2	0.7
75 – 84	4,329	178.8	2.4
85 & Over	5,218	59.0	8.8
Total	11,271	4,547.0	0.2
Charitable Homes			
Under 60 Years	51	3,775.8	--
60 – 64	50	221.8	--
65 – 69	162	167.4	0.1
70 – 74	451	144.2	0.3
75 – 84	2,803	178.8	1.6
85 & Over	3,462	59.0	5.9
Total	6,979	4,547.0	0.2
Total	18,250	4,547.0	0.4

Sources: Statistics Canada, Demographic Division, *Revised Post-Censal Estimates.*
Ministry of Community and Social Services, Unpublished data.

Note: See notes, Table 5.42.

Table 5.44 Canada Pension Plan Contributions and Contributors, Percent Female by Employment Status, Ontario, 1970 to 1983

	Contributors				
Year	Employed	Self-employed	Mixed	Total	Contri-butions
			percent female		
1983	43.1	26.0	28.0	41.9	35.3
1982	43.2	25.4	26.8	41.9	35.3
1981	42.9	24.6	25.7	41.6	34.4
1980	41.9	23.4	23.7	40.5	33.3
1979	41.7	21.6	21.5	40.1	32.9
1978	40.7	19.7	20.1	39.1	32.3
1977	40.3	17.7	18.4	38.5	32.0
1976	40.1	16.7	17.1	38.3	31.9
1975	39.7	15.8	16.2	37.9	31.3
1974	38.9	14.8	14.4	37.0	30.0
1973	39.8	14.2	13.9	38.0	29.4
1972	39.1	13.9	13.2	37.3	28.4
1971	38.4	18.4	12.2	36.8	27.5
1970	38.1	16.7	11.9	36.4	26.7

Source: Health and Welfare Canada, *Canada Pension Plan Contributors.*

Notes: 1. See Table 30.23, notes 2 and 3.
2. See Table 30.25, note 1.

Table 5.45 Unemployment Insurance Contributions and Benefits, Ontario, 1972 to 1983

Year	Contributors	Contributions	Beneficiaries	Average Number of Weeks		Average Weekly Benefit	
				Female	Male	Female	Male
		percent female				dollars	
1983	44.1	37.0	41.2	23.4	22.4	118	151
1982	43.9	36.7	40.6	19.4	17.9	114	145
1981	43.5	35.6	43.9	18.1	15.8	105	133
1980	42.6	34.2	42.8	17.6	15.3	97	124
1979	42.3	33.9	44.1	17.8	15.3	90	116
1978	41.7	33.6	44.7	21.0	18.2	88	113
1977	41.2	33.2	44.1	18.9	16.7	80	104
1976	40.8	32.7	45.0	17.9	15.1	73	96
1975	40.4	31.8	43.2	17.8	16.2	64	88
1974	40.1	30.3	47.0	17.5	15.0	57	79
1973	39.0	28.7	47.0	19.3	15.6	52	72
1972	38.3	27.9	42.8	23.8	19.0	46	67

Source: Statistics Canada, *Benefit Periods Established and Terminated Under the Unemployment Insurance Act, (73-201).*

Notes: 1. See Table 30.28, notes 1 and 2 re: definition of contributor and beneficiary.
2. Average Number of Weeks is calculated by dividing the total number of weeks of benefits paid by the number of terminated claims.
3. For definition of Average Weekly Benefit, see Table 30.35.

Table 5.46 Unemployment Insurance Maternity Benefits, Ontario and Other Regions of Canada, 1975 to 1985

Year	Average Monthly Beneficiaries	Weeks Paid	Average Weekly Benefit	Benefit Payment	Women in Labour Force	Beneficiaries % of Labour Force
	#	'000's	$	$ millions	'000's	
1985						
Ontario	17,520	921.0	188	173.5	2,094	0.8
Atlantic	2,937	158.6	176	28.0	405	0.7
Quebec	10,318	552.5	185	102.4	1,315	0.8
West	12,469	668.3	193	128.4	1,568	0.8
Canada	43,275	2,302.2	188	432.5	5,382	0.8
Ontario % of Canada	40.5	40.0	. . .	40.1	38.9	. . .
Ontario						
1984	16,685	870.0	179	155.5	2,026	0.8
1983	15,153	784.6	169	132.3	1,971	0.8
1982	14,931	780.2	154	120.0	1,924	0.8
1981	14,083	729.7	141	102.8	1,882	0.7
1980	13,467	700.8	129	90.6	1,816	0.7
1979	13,173	681.8	117	79.4	1,752	0.8
1978	12,359	646.9	117	75.7	1,664	0.7
1977	11,953	617.2	107	66.3	1,580	0.8
1976	10,891	521.9	104	54.2	1,522	0.7
1975	9,153	455.1	88	40.1	1,476	0.6

Sources: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act, (73-001).*
Labour Force Annual Averages, (71-529).

Notes: 1. 1982 Canada figures include beneficiaries and payments made outside of Canada.
2. 1975 beneficiary figure covers an eight month period from May to December 1975.
3. For definition of number of weeks paid, see Table 30.34.
4. See Table 5.45, note 3.

Table 5.47 University Enrolment, Percent Women, Ontario, Selected Years, 1961/62 to 1984/85

Year	Full-time Under Graduate	Full-time Graduate	Part-time Under Graduate	Part-time Graduate
		percent women		
1984/85^p	48.3	37.7	61.4	43.4
1983/84	47.5	37.5	60.8	42.7
1982/83	46.6	37.1	60.2	41.1
1981/82	46.3	36.8	60.1	39.2
1980/81	45.7	36.1	60.1	37.3
1979/80	45.1	35.2	59.6	35.8
1978/79	45.1	32.8	58.9	35.1
1977/78	44.7	31.5	58.3	33.2
1976/77	44.1	30.1	59.2	30.2
1971/72	37.3	22.3	50.8	21.1
1966/67	32.2	16.6	39.7	19.7
1961/62	26.5	13.8	. .	. .

Sources: Statistics Canada, Education, Culture and Tourism Division.
Universities: Enrolment and Degrees, (81-204).
Advance Statistics of Education, (81-220).

Table 5.48 Undergraduate Enrolment, Percent Women by Field of Study, Ontario, 1978/79 to 1984/85

Year	Agricultural & Biological Science Full-time	Agricultural & Biological Science Part-time	Education Full-time	Education Part-time	Engineering & Applied Sciences Full-time	Engineering & Applied Sciences Part-time
			percent women			
1984/85^p	55	67	62	67	12	9
1983/84	56	68	63	69	12	7
1982/83	55	67	64	66	11	11
1981/82	55	66	65	67	11	8
1980/81	54	65	65	66	10	9
1979/80	53	64	63	63	9	7
1978/79	51	61	61	64	9	6

Year	Fine & Applied Arts Full-time	Fine & Applied Arts Part-time	Health Sciences Full-time	Health Sciences Part-time	Humanities Full-time	Humanities Part-time
			percent women			
1984/85^p	60	72	66	90	61	71
1983/84	60	70	67	90	60	72
1982/83^r	61	72	65	90	61	73
1981/82	62	73	64	90	61	75
1980/81	61	71	62	89	60	73
1979/80	60	70	61	91	59	72
1978/79	61	74	60	91	60	71

Table 5.48 (cont'd.)

Year	Mathematics & Physical Sciences Full-time	Mathematics & Physical Sciences Part-time	Social Sciences Full-time	Social Sciences Part-time	Unclassified Full-time	Unclassified Part-time	Total Full-time	Total Part-time
				percent women				
1984/85^{p}	29	31	51	60	53	62	48	61
1983/84	29	28	50	59	52	61	47	61
1982/83	29	29	48	59	52	60	47	60
1981/82	30	28	46	58	51	60	46	60
1980/81	31	28	45	59	51	47	46	60
1979/80	30	30	43	56	50	60	45	59
1978/79	29	26	42	55	51	59	45	58

Source: Statistics Canada, Education, Culture and Tourism Division.

Table 5.49 Graduate Enrolment, Percent Women by Field of Study, Ontario, 1978/79 to 1983/84

Year	Agricultural & Biological Science Full-time	Agricultural & Biological Science Part-time	Education Full-time	Education Part-time	Engineering & Applied Sciences Full-time	Engineering & Applied Sciences Part-time
			percent women			
1983/84^{p}	36	39	64	61	10	10
1982/83	35	40	63	57	10	8
1981/82	37	30	62	55	9	8
1980/81	37	25	61	52	10	8
1979/80	35	31	62	49	9	5
1978/79	32	28	56	47	8	5

Table 5.49 (cont'd.)

Year	Fine & Applied Arts Full-time	Fine & Applied Arts Part-time	Health Sciences Full-time	Health Sciences Part-time	Humanities Full-time	Humanities Part-time
			percent women			
1983/84^{p}	51	58	36	60	49	53
1982/83	54	59	34	60	50	50
1981/82	53	65	33	58	48	48
1980/81	55	57	33	57	46	48
1979/80	53	66	33	54	46	47
1978/79	54	61	30	57	43	48

Table 5.49 (cont'd.)

Year	Mathematics & Physical Sciences Full-time	Mathematics & Physical Sciences Part-time	Social Sciences Full-time	Social Sciences Part-time	Unclassified Full-time	Unclassified Part-time	Total Full-time	Total Part-time
				percent women				
1983/84^{p}	20	20	43	36	35	42	37	43
1982/83	19	18	42	36	39	40	37	41
1981/82	18	18	41	33	37	40	37	39
1980/81	16	16	39	30	43	39	36	37
1979/80	14	16	37	28	28	37	35	36
1978/79	14	18	35	27	25	34	33	35

Source: Statistics Canada, Education, Culture and Tourism Division.
Education in Canada, (81-229).

Table 5.50 University Degrees Awarded to Women, Ontario, Selected Years, 1972 to 1985

Year	Bachelor & First Professional	Masters	Doctorate
		percent women	
1985	52.4	43.7	27.8
1984	52.1	43.4	27.6
1983^r	51.9	42.2	26.0
1982^r	51.9	40.4	25.5
1981	51.6	40.0	23.5
1980	50.8	37.7	23.7
1979	50.9	35.7	19.7
1978	50.7	32.8	17.5
1977	50.0	31.3	21.0
1976	48.2	29.4	18.5
1972	37.5	23.7	9.3

Source: Statistics Canada, Education, Culture and Tourism Division.
Universities: Enrolment and Degrees, (81-204).
Advance Statistics of Education, (81-220).

Note: See notes, Table 31.32.

Table 5.51 Diplomas and Certificates Awarded to Women by Community Colleges and Related Institutions, Ontario, Selected Years, 1967/68 to 1982/83

Year	Women % of Total
1982/83	57.4
1981/82^r	57.4
1980/81^r	58.6
1979/80^r	59.0
1978/79	59.3
1977/78	59.7
1976/77	61.0
1975/76	60.2
1971/72	61.3
1967/68	68.8

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: For definition of Related Institutions, see Table 31.1, note 3.

Table 5.52 Adults Charged, Percent Women by Offence Group, Ontario, 1973 to 1984

Year	Criminal Code	Federal Statutes	Provincial Statutes	Municipal By-laws	Women Charged	Women % of Total
		percent women			#	
1984	16.7	12.5	9.0	13.3	42,218	12.8
1983	17.0	14.3	8.5	17.6	43,447	12.9
1982	16.7	13.2	8.4	15.4	43,826	12.5
1981	16.9	11.7	8.1	18.6	45,940	12.3
1980	16.2	11.6	8.9	20.1	43,981	12.6
1979	16.2	10.7	7.4	21.6	38,586	11.9
1978	16.1	10.2	7.1	22.0	36,219	12.0
1977	15.5	10.0	6.9	20.9	32,412	11.6
1976	16.1	10.9	6.6	24.1	32,275	12.1
1975	15.6	10.2	6.8	19.4	31,045	11.0
1974	15.0	9.9	6.5	17.8	28,144	10.3
1973	14.8	10.7	6.5	17.2	26,623	10.4

Sources: Statistics Canada, *Crime and Traffic Enforcement Statistics, (85-205).*
Canadian Center for Justice Statistics.

Note: See notes, Table 32.10.

Table 5.53 Persons Charged with Traffic Offences, Percent Women, Ontario, 1972 to 1983

Year	Criminal Negligence	Fail to Stop or Remain	Dangerous Driving	Fail or Refuse to Give Breath Sample	Driving While Impaired	Driving While Disqualified	Women Charged	Women % of Total
				percent women			#	
1983p	3.3	12.6	13.6	7.9	7.0	4.2	8,498	9.1
1982	3.4	12.1	12.2	7.9	6.5	4.5	8,377	8.6
1981	2.7	11.5	12.0	7.5	6.1	5.5	8,852	8.5
1980	2.1	11.5	11.9	7.0	6.0	2.9	8,475	8.1
1979	3.3	10.7	11.3	6.1	5.3	2.4	7,990	7.6
1978	1.9	10.5	11.1	6.4	5.0	2.1	6,215	7.0
1977	7.5	9.5	10.6	3.7	4.8	2.1	5,927	6.4
1976	2.4	9.4	9.7	3.5	4.3	1.6	6,486	6.3
1975	1.8	8.8	9.4	3.2	4.1	1.4	6,317	6.2
1974	0.6	8.3	8.9	3.4	3.7	1.8	6,246	6.1
1973	0.8	6.9	8.8	3.6	3.5	1.5	5,506	5.8
1972	0.7	6.7	8.1	3.8	3.1	1.3	4,485	5.5

Sources: Statistics Canada, *Crime and Traffic Enforcement Statistics, (85-205).*
Canadian Center for Justice Statistics.

Note: See notes, Table 32.11.

Table 5.54 Persons Admitted to Jails and Detention Centres and Persons Sentenced to Imprisonment, Percent Women by Age, Ontario, 1978/79 to 1984/85

Year	16 – 18	19 – 25	26 – 35	36 – 50	51 & Over	Unknown	Total	
				percent women				#
Admitted								
1984/85	8.0	6.9	7.6	7.2	5.9	83.3	7.3	4,916
1983/84	7.9	7.0	8.3	8.5	6.5	28.6	7.7	5,239
1982/83	8.7	7.8	8.5	8.7	6.5	12.5	8.2	4,196
1981/82	9.4	7.8	9.1	8.2	6.4	32.3	8.4	4,043
1980/81	8.8	7.9	8.6	7.6	5.9	25.5	8.1	3,796
1979/80	8.7	7.4	8.6	7.4	5.9	24.0	7.9	3,584
1978/79	9.0	7.3	7.0	7.4	5.0	22.0	7.5	3,330
Sentenced to Imprisonment								
1984/85	6.2	5.9	7.0	6.9	4.8	. . .	6.3	3,152
1983/84	6.8	6.1	7.4	8.0	5.6	0.0	6.8	3,419
1982/83	6.8	6.1	7.0	7.6	5.7	14.3	6.6	2,714
1981/82	7.3	6.1	7.7	7.2	5.4	21.4	6.8	2,450
1980/81	6.8	6.0	7.3	6.5	5.4	36.4	6.5	2,256
1979/80	5.8	5.6	7.5	5.0	4.8	12.5	6.0	2,021
1978/79	6.9	5.6	6.3	6.6	4.5	17.6	6.1	2,026

Source: Ministry of Correctional Services, *Report of the Minister, Annual.*
Planning and Policy Branch.

Note: See notes, Table 32.12.

Chapter 6

Aboriginal People

Aboriginal People

This chapter contains information on Aboriginal People, with its major focus on Registered Indians living on- and off-reserves. The main subject areas include:

- demographics;
- labour force.

Demographics include population by Aboriginal group, sex and family characteristics.

Data on labour force include employed, unemployed, unemployment rates and occupational breakdowns.

Source of Data

A number of tables in this chapter are derived from Indian and Northern Affairs Canada's (INAC) data which are based on the 1981 Census of Canada.

INAC's customized data were developed as a result of the following problems with the 1981 Census data for native peoples.

- Respondents may have been confused as to the meaning of "status Indian". As a result approximately 7,000 individuals who reported themselves as status Indian were not considered part of INAC's status Indian population because their place of birth was outside Canada.
- INAC, unlike the census, defines a status Indian according to the terms and conditions of the Indian Act, 1951 rather than by ethnicity. Thus INAC's records contain all persons legally entitled to be registered as status Indians rather than those who may be ethnically defined as status Indians. In the 1981 Census, some non-native women (7,555) married to status Indian males and therefore entitled to be registered, stated their own ethnic origin rather than their legal status. Furthermore, individuals who were not legally status Indians according to the Indian Act, 1951 reported themselves as status Indians for the 1981 Census. Status Indian women married to males not entitled to be registered reported themselves as status Indians.
- The 1981 Census residence counts (on- and off-reserve) revealed discrepancies when compared to INAC's on- and off-reserve population counts. On-reserve population, according to INAC, should include population that is living on-reserve or in settlements on Crown land, as funding and social services are provided to on-reserve and Crown land settlement populations. Not all Indian settlements on Crown lands recognized by INAC were identified as such on the 1981 Census.

Indian and Northern Affairs Canada's customized data are much more extensive than the tables illustrated in this chapter and are in no way comparable to data published by Statistics Canada. Enquiries about these data can be made to the Research and Analysis Section, Indian and Northern Affairs Canada, telephone Ottawa, 994-1105.

Additional data can be obtained from Indian and Northern Affairs' Program Reference Centre, telephone Hull, Quebec, 997-9117.

Aboriginal People

Charts:

6.1 Population by Aboriginal Group, Ontario and Canada, 1981
6.2 Aboriginal Population, Unemployment Rates by Age Group and Location of Residence, Ontario, 1981

Tables:

6.1 Indian Reserves, Ontario and Other Regions of Canada, 1979 to 1985
6.2 Population, Percent Aboriginal, Ontario and Other Regions of Canada, 1981
6.3 Population by Aboriginal Group, Ontario and Other Regions of Canada, 1981
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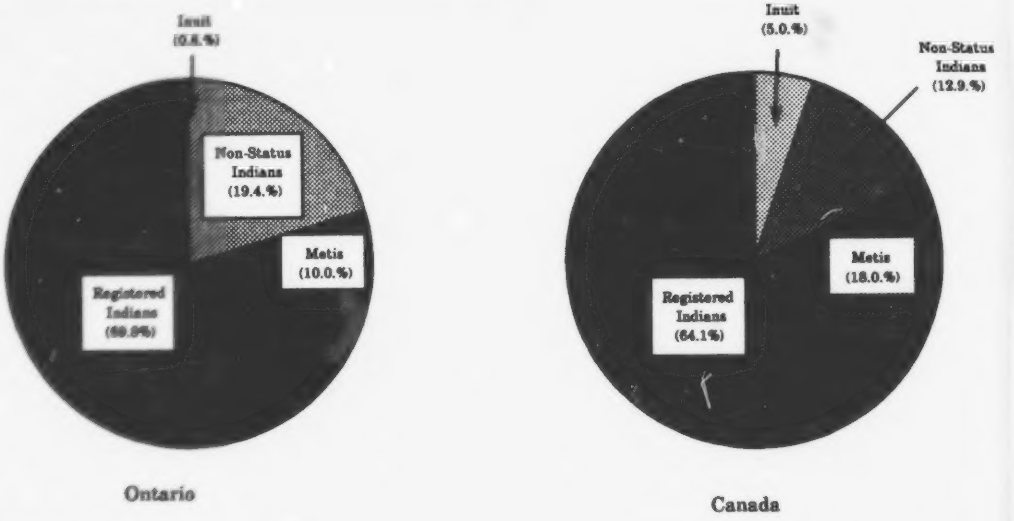
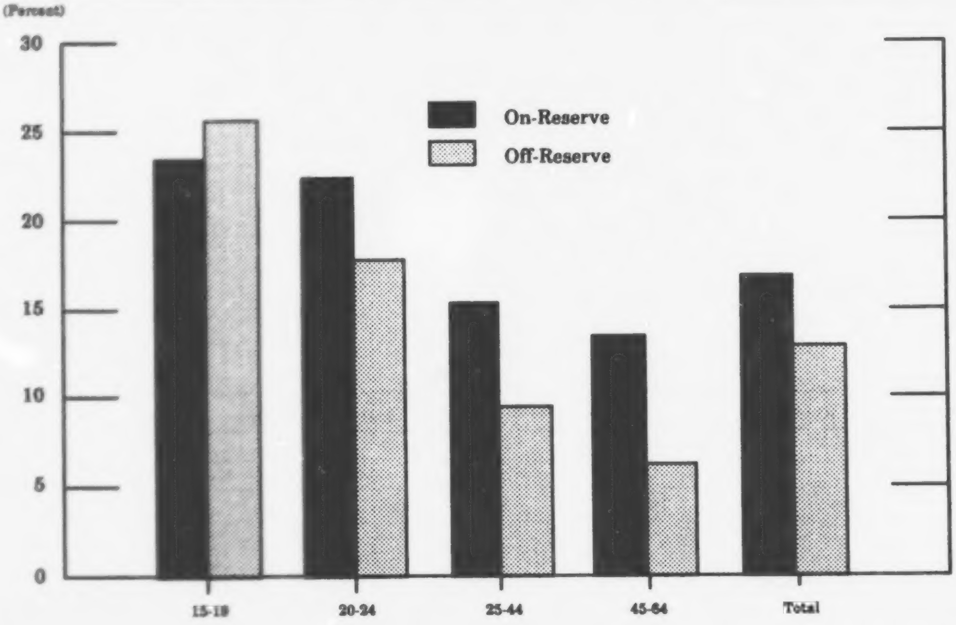
Chart 6.1 Population by Aboriginal Group, Ontario and Canada, 1981



Refer to Table 6.3

Chart 6.2 Aboriginal Population, Unemployment Rates by Age Groups and Location of Residence, Ontario, 1981



Refer to Table 6.10

Table 6.1 **Indian Reserves, Ontario and Other Regions of Canada, 1979 to 1985**

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
1985	187	67	32	1,974	2,260	8.3
1984	186	67	33	1,968	2,254	8.3
1983	186	67	33	1,968	2,254	8.3
1982	185	67	33	1,967	2,252	8.2
1981	185	67	33	1,966	2,251	8.2
1980	184	67	33	1,958	2,242	8.2
1979	182	68	33	1,957	2,240	8.1

Source: Indian and Northern Affairs Canada, Indian and Inuit Affairs Program.

Table 6.2 **Population, Percent Aboriginal, Ontario and Other Regions of Canada, 1981**

	Registered Indians	Other Natives	Total	Total Population
		percent		#
Ontario	0.9	0.4	1.3	8,625,110
Atlantic	0.5	0.3	0.8	2,234,040
Quebec	0.6	0.2	0.8	6,438,400
West	2.7	1.7	4.5	7,045,640
Canada	1.3	0.7	2.1	24,343,181

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Table 6.3 **Population by Aboriginal Group, Ontario and Other Regions of Canada, 1981**

	Registered Indians	Metis	Non-status Indians	Inuit	Total
			number		
Ontario	77,145	11,020	21,475	905	110,545
Atlantic	11,605	1,365	3,940	2,005	18,910
Quebec	37,985	5,920	5,025	4,825	53,755
West	193,425	71,635	34,045	17,135	316,240
Canada	320,160	89,935	64,495	24,875	499,445
Ontario % of Canada	24.1	12.3	33.3	3.6	22.1

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Table 6.4 **Registered Indian Population by Sex, Ontario and Other Regions of Canada, 1981**

	On-Reserve		Off-Reserve		
	Male	Female	Male	Female	Total
			number		
Ontario	21,385	21,260	14,920	19,580	77,145
Atlantic	3,970	4,030	1,585	2,020	11,605
Quebec	13,540	13,395	4,880	6,170	37,985
West	60,430	57,525	33,610	41,870	193,425
Canada	99,325	96,205	54,990	69,640	320,160
Ontario % of Canada	21.5	22.1	27.1	28.1	24.1

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Table 6.5 Population by Age and Aboriginal Group, Ontario, 1981

	Registered Indians			Other Natives				
	On-Reserve	Off-Reserve	Total	Metis	Non-status Indians	Inuit	Total	Total
				number				
0 – 14	16,310	13,585	29,900	3,905	7,245	270	11,430	41,330
15 – 24	9,585	7,860	17,445	2,595	4,760	235	7,595	25,025
25 – 44	9,495	9,365	18,860	3,290	6,705	295	10,285	29,140
45 – 64	5,140	2,885	8,020	1,050	2,290	70	3,410	11,430
65 +	2,105	805	2,915	180	485	20	685	3,620
Total	42,645	34,505	77,145	11,020	21,475	905	33,405	110,550

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Table 6.6 Registered Indians, Census Families by Family Structure, Ontario and Other Regions of Canada, 1981

	On-Reserve						
	Husband-Wife			Single Parent			
	Without Children at Home	With Children at Home	Total	Male	Female	Total	Total
				number			
Ontario	1,240	5,440	6,680	465	1,535	2,000	8,675
Atlantic	175	970	1,150	50	375	425	1,575
Quebec	840	3,325	4,165	215	720	935	5,100
West	2,750	14,200	16,940	1,345	3,620	4,965	21,900
Canada	5,000	23,940	28,935	2,075	6,235	8,310	37,245
Ontario % of Canada	24.8	22.7	23.1	22.4	24.6	24.1	23.3

Table 6.6 (cont'd.)

	Off-Reserve						
	Husband-Wife			Single Parent			
	Without Children at Home	With Children at Home	Total	Male	Female	Total	Total
				number			
Ontario	2,060	5,200	7,260	145	1,975	2,120	9,375
Atlantic	205	600	805	–	165	165	990
Quebec	880	1,830	2,710	40	515	555	3,270
West	3,310	9,835	13,135	420	4,705	5,125	18,295
Canada	6,450	17,460	23,915	655	7,360	8,015	31,925
Ontario % of Canada	31.9	29.8	30.4	22.1	26.8	26.5	29.4

Table 6.6 (cont'd.)

	Total						
	Husband-Wife			Single Parent			
	Without Children at Home	With Children at Home	Total	Male	Female	Total	Total
				number			
Ontario	3,300	10,635	13,935	600	3,505	4,105	18,050
Atlantic	380	1,565	1,955	75	540	615	2,565
Quebec	1,720	5,165	6,875	255	1,230	1,485	8,365
West	6,060	24,015	30,075	1,795	8,325	10,120	40,190
Canada	11,455	41,390	52,845	2,730	13,600	16,330	69,175
Ontario % of Canada	28.8	25.7	26.4	22.0	25.8	25.1	26.1

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Note: Registered Indian Census Family is defined as a family with one or both spouses identified as being Registered Indians.

Table 6.7 Registered Indians, Children per Census Family, Ontario and Other Regions of Canada, 1981

	On-Reserve			
	Husband-Wife	Single Parent		
		Male	Female	Total
		number		
Ontario	2.4	2.6	2.4	2.4
Atlantic	2.6	2.2	2.4	2.5
Quebec	2.6	2.5	2.4	2.6
West	2.8	2.3	2.8	2.7
Canada	2.6	2.4	2.6	2.6

Table 6.7(cont'd.)

	Off-Reserve			
	Husband-Wife	Single Parent		
		Male	Female	Total
		number		
Ontario	1.6	1.9	2.0	1.7
Atlantic	1.7	–	2.1	1.8
Quebec	1.4	1.4	1.8	1.5
West	1.8	2.1	2.3	1.9
Canada	1.7	2.0	2.2	1.8

Table 6.7(cont'd.)

	Total			
	Husband-Wife	Single Parent		
		Male	Female	Total
		number		
Ontario	2.0	2.4	2.2	2.0
Atlantic	2.2	1.9	2.3	2.2
Quebec	2.2	2.3	2.2	2.2
West	2.3	2.3	2.5	2.3
Canada	2.2	2.3	2.4	2.2

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Note: See note, Table 6.6.

Table 6.8 **Aboriginal Population Not Attending School by Educational Attainment and Aboriginal Group, Ontario 1981**

	Registered Indians			Other Natives				
	On-Reserve	Off-Reserve	Total	Metis	Inuit	Non-Status	Total	Total
				number				
No Schooling or Kindergarten	2,640	420	3,055	125	30	255	410	3,465
Grades 1 – 8	8,525	3,230	11,745	1,095	80	2,610	3,785	15,535
Grades 9 – 13	6,605	6,035	12,640	1,965	205	4,315	6,485	19,125
High School or Non-University Diploma	3,840	5,270	9,115	1,710	115	3,605	5,430	14,545
Some University	505	770	1,280	300	35	475	810	2,085
University Diploma or Degree	155	415	565	170	30	310	510	1,075
Total	22,270	16,140	38,400	5,365	495	11,570	17,430	55,830

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Table 6.9 **Aboriginal Population by Labour Force Activity and Aboriginal Group, Ontario, 1981**

	Registered Indians			Other Natives				
	On-Reserve	Off-Reserve	Total	Metis	Inuit	Non-Status	Total	Total
				number				
Employed	9,500	10,785	20,290	4,240	385	8,300	12,925	33,215
Unemployed	1,960	1,610	3,575	520	55	1,240	1,815	5,390
Not in Labour Force	14,870	8,520	23,390	2,350	185	4,690	7,225	30,615
Total	26,330	20,915	47,255	7,110	625	14,230	21,965	69,220

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Note: Labour force refers to the population 15 years of age and over.

Table 6.10 **Registered Indians, Labour Force, Employed, Unemployed and Unemployment Rate by Age Group and Sex, Ontario, 1981**

	On-Reserve			Off-Reserve		
	Male	Female	Total	Male	Female	Total
			number			
Labour Force						
Age						
15 – 19	655	530	1,185	755	890	1,645
20 – 24	1,315	845	2,165	1,305	1,245	2,550
25 – 44	3,655	2,105	5,765	2,995	3,500	6,495
45 – 64	1,555	635	2,190	780	845	1,625
65 +	130	–	155	35	45	80
Total	7,315	4,145	11,465	5,870	6,525	12,390
Employed						
Age						
15 – 19	510	395	905	615	600	1,215
20 – 24	1,040	635	1,675	1,065	1,015	2,085
25 – 44	3,085	1,795	4,885	2,765	3,115	5,880
45 – 64	1,345	550	1,895	735	795	1,535
65 +	120	–	145	30	40	70
Total	6,105	3,395	9,500	5,210	5,570	10,785
Unemployed						
Age						
15 – 19	145	140	280	140	285	425
20 – 24	280	215	490	235	225	460
25 – 44	575	310	885	230	385	615
45 – 64	205	85	295	45	50	100
65 +	–	–	–	–	–	–
Total	1,210	750	1,960	650	955	1,610
			percent			
Unemployment Rate						
Age						
15 – 19	22.1	26.4	23.6	18.5	32.0	25.8
20 – 24	21.3	25.4	22.6	18.0	18.1	18.0
25 – 44	15.7	14.7	15.4	7.7	11.0	9.5
45 – 64	13.2	13.4	13.5	5.8	5.9	6.2
65 +	...	–	...	...	...	
Total	16.5	18.1	17.1	11.1	14.6	13.0

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Table 6.11 **Aboriginal Population, Employed by Industry and Aboriginal Group, Ontario, 1981**

	Registered Indians			Other Natives				
	On-Reserve	Off-Reserve	Total	Metis	Inuit	Non-Status	Total	Total
				number				
Primary	1,110	470	1,580	315	–	475	790	2,380
Manufacturing	1,375	2,295	3,670	870	75	2,040	2,985	6,650
Tertiary	7,020	8,020	15,040	3,060	300	5,785	9,145	24,195
Total	9,500	10,785	20,285	4,240	390	8,305	12,935	33,215

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Table 6.12 **Aboriginal Population, Employed by Occupation and Aboriginal Group, Ontario, 1981**

	Registered Indians			Other Natives				
	On-Reserve	Off-Reserve	Total	Metis	Inuit	Non-Status	Total	Total
				number				
Primary	1,075	435	1,510	235	25	390	650	2,160
Secondary	1,200	1,990	3,190	740	65	1,495	2,300	5,490
Tertiary	6,580	7,755	14,335	2,985	280	5,825	9,090	23,425
Other	645	605	1,250	280	–	585	865	2,115
Total	9,500	10,785	20,285	4,240	390	8,300	12,930	33,215

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Table 6.13 **Registered Indians, Labour Force by Occupation, Age Group and Sex, Ontario, 1981**

	On-Reserve							
	15 – 24		25 – 44		45 – 64		65 +	
	Male	Female	Male	Female	Male	Female	Male	Female
				number				
Fishing & Trapping	–	–	–	–	–	–	–	–
Forestry & Logging	240	30	345	70	105	–	–	–
Other Primary	135	35	185	30	85	–	–	–
Total Primary	375	60	555	105	215	–	–	–
Processing	145	35	205	65	90	35	–	–
Machinery Production, Fabricating, Assembling & Repair	135	50	355	55	155	35	–	–
Total Secondary	280	85	560	125	245	70	–	–
Managerial, Technical, Social, Religion, Teaching & Medicine	165	245	625	700	205	115	–	–
Clerical & Related	65	360	80	435	40	85	–	–
Sales	55	70	70	50	35	35	–	–
Service	200	365	295	415	145	235	25	–
Construction Trades	410	–	860	25	400	–	–	–
Transportation Equipment Operating	90	–	220	95	100	–	–	–
Tertiary	980	1,065	2,160	1,730	930	490	85	–
Other	240	65	290	50	145	30	–	–
Total	1,875	1,275	3,560	2,005	1,525	610	130	–

Table 6.13 (cont'd.)

	Off-Reserve							
	15 – 24		25 – 44		45 – 64		65 +	
	Male	Female	Male	Female	Male	Female	Male	Female
				number				
Fishing & Trapping	–	–	–	–	–	–	–	–
Forestry & Logging	55	–	60	–	–	–	–	–
Other Primary	95	50	80	60	35	–	–	–
Total Primary	150	60	140	65	50	30	–	–
Processing	145	40	195	90	70	30	–	–
Machinery Production, Fabricating, Assembling & Repair	325	135	655	285	150	50	–	–
Total Secondary	475	175	850	375	220	85	–	–
Managerial, Technical, Social, Religion, Teaching & Medicine	205	225	595	985	155	190	–	–
Clerical & Related	120	635	175	970	25	195	–	–
Sales	155	215	180	235	–	60	–	–
Service	340	570	245	560	95	250	–	–
Construction Trades	210	–	370	–	95	–	–	–
Transportation Equipment Operating	90	–	220	45	55	–	–	–
Tertiary	1,115	1,660	1,785	2,795	445	720	–	35
Other	250	95	175	115	55	–	–	–
Total	1,985	1,985	2,955	3,355	770	835	30	50

Source: Indian and Northern Affairs Canada, Customized Data based on 1981 Census of Canada.

Table 6.14 Social Assistance Expenditures on Registered Indians, Ontario and Other Regions of Canada, 1973/74 to 1984/85

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$'000's			
1984/85	26,966.9	17,671.8	20,016.8	170,777.0	235,433.5	11.5
1983/84	24,047.6	15,939.5	19,229.2	156,914.3	216,130.6	11.1
1982/83	21,414.8	15,793.4	16,583.7	142,422.8	196,214.7	10.9
1981/82	17,844.4	14,220.4	14,074.2	118,891.1	165,212.1	10.8
1980/81	14,823.4	12,468.2	11,693.0	103,000.7	141,935.3	10.4
1979/80	13,235.3	9,060.0	9,604.8	90,104.7	122,004.5	10.8
1978/79	10,587.0	8,404.0	7,142.0	79,850.0	105,983.0	10.0
1977/78	9,345.0	6,641.0	5,732.0	64,035.0	85,753.0	10.9
1976/77	8,671.0	5,599.0	5,500.0	58,890.0	78,660.0	11.0
1975/76	8,443.0	5,171.0	5,567.0	53,842.0	73,023.0	11.6
1974/75	6,703.0	4,376.0	5,529.0	47,497.0	64,105.0	10.5
1973/74	4,998.0	3,513.0	3,886.0	40,922.0	53,319.0	9.4

Source: Indian and Northern Affairs Canada, Social Development Directorate, Indian and Inuit Affairs Program.

Note: Data are for fiscal year ending March 31.

Table 6.15 Welfare Expenditures on Registered Indian Children, Ontario and Other Regions of Canada, 1973/74 to 1984/85

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$'000's			
1984/85	7,481.8	2,041.5	5,428.2	35,812.6	50,764.1	14.7
1983/84	6,369.1	1,141.2	5,455.3	30,426.8	43,392.4	14.7
1982/83	6,606.3	991.2	5,652.6	24,724.2	37,577.9	17.6
1981/82	5,776.1	910.0	4,393.0	23,661.6	34,740.7	16.6
1980/81	4,695.0	757.0	3,631.8	20,401.9	29,485.7	15.9
1979/80	4,113.9	736.6	2,280.9	18,495.1	25,626.5	16.1
1978/79	3,592.0	799.0	1,837.0	18,545.0	24,773.0	14.5
1977/78	3,920.0	575.0	1,265.0	15,232.0	20,992.0	18.7
1976/77	3,871.0	535.0	1,245.0	14,155.0	19,806.0	19.5
1975/76	2,989.0	508.0	809.0	11,770.0	16,076.0	18.6
1974/75	2,582.0	523.0	795.0	10,191.0	14,091.0	18.3
1973/74	1,948.0	293.0	916.0	9,194.0	12,351.0	15.8

Source: Indian and Northern Affairs Canada, Social Development Directorate, Indian and Inuit Affairs Program.

Note: See note, Table 6.14.

Chapter 7
Seniors

Seniors

This chapter presents information on seniors in Ontario. The major areas covered are:

- population;
- income;
- housing arrangements;
- housing affordability;
- health;
- participation in daily activities.

Much of the information is based on survey or administrative data where the definition of seniors has been determined by the particular organization that conducted the survey. Where data have been taken from the total universe of all age groups, seniors refers to those persons who are 65 years of age or over.

Sources of Data

The main sources of data are:

- Census of Canada;
- Ontario Office for Senior Citizens' Affairs;
- Ontario Ministry of Health;
- Ontario Ministry of Revenue;
- United Senior Citizens of Ontario.

The Census regularly includes selected information by age categories. However, it is difficult to profile different age cohorts of seniors from the regular Census output. In order to develop a comprehensive set of variables on seniors in Ontario, the Canadian Association of Gerontology has released a special subset of 1981 Census data pertaining to seniors. This subset constitutes 2% of the population. For more information on this special sample data, contact the Gerontology Research Council of Ontario, 88 Maplewood Avenue, Hamilton, Ontario, L8M 1W9.

The Ontario Ministry of Revenue, Guaranteed Income and Tax Credit Branch, administers the Guaranteed Annual Income Supplement (GAINS) and Property and Ontario Tax Credits for Seniors in Ontario. Pension rates information is published quarterly and is available for different scenarios of living arrangements for seniors in Ontario. For more information, contact the Guaranteed Income and Tax Credit Branch, telephone Toronto, 965-8470.

The Ontario Ministry of Health provides information on reasons for hospitalization and length of stay by age for Ontario. For more information, contact the Information Resources and Services Branch, telephone Toronto, 965-8000.

The United Senior Citizens of Ontario, in conjunction with the Ontario Ministry of Health, organized a survey in July 1982 of seniors in Ontario. The sample was derived from persons listed on the Old Age Security database at Health and Welfare Canada. In this survey, seniors were defined as those persons 62 years of age and over. Eight communities in Ontario were sampled: five urban (Toronto, Windsor, Sault Ste. Marie, Penetanguishene and Brockville) and three rural (Cookstown, Athens and Bruce Mines). The sample size was 846. For more information on this survey contact the Ontario Office for Senior Citizens' Affairs, telephone Toronto, 965-5106.

Seniors

Charts:

7.1 Population Projections, Seniors, Ontario, Selected Years, 1986 to 2006
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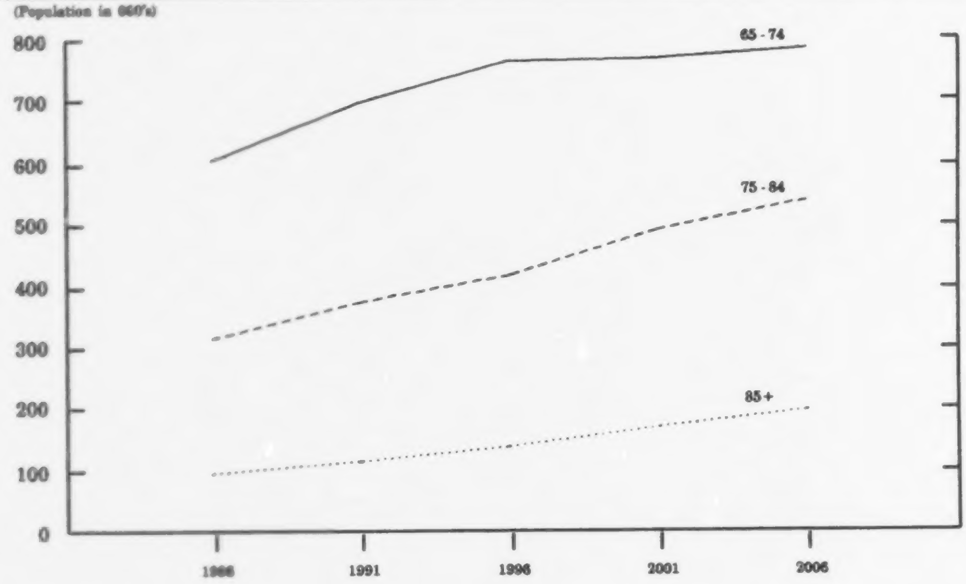
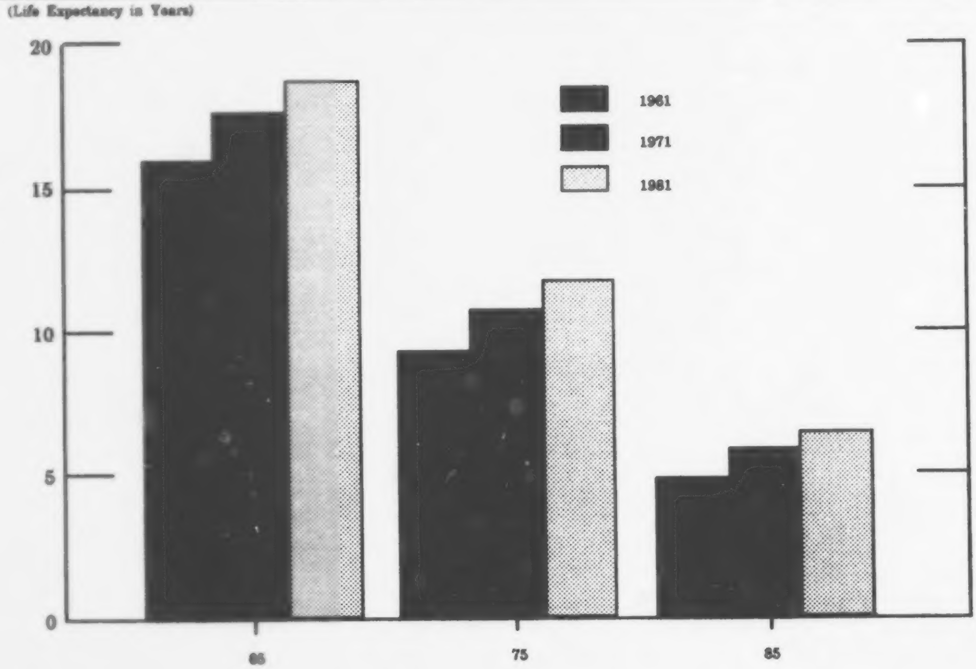
Chart 7.1 Population Projections, Seniors, Ontario, Selected Years, 1986 to 2006



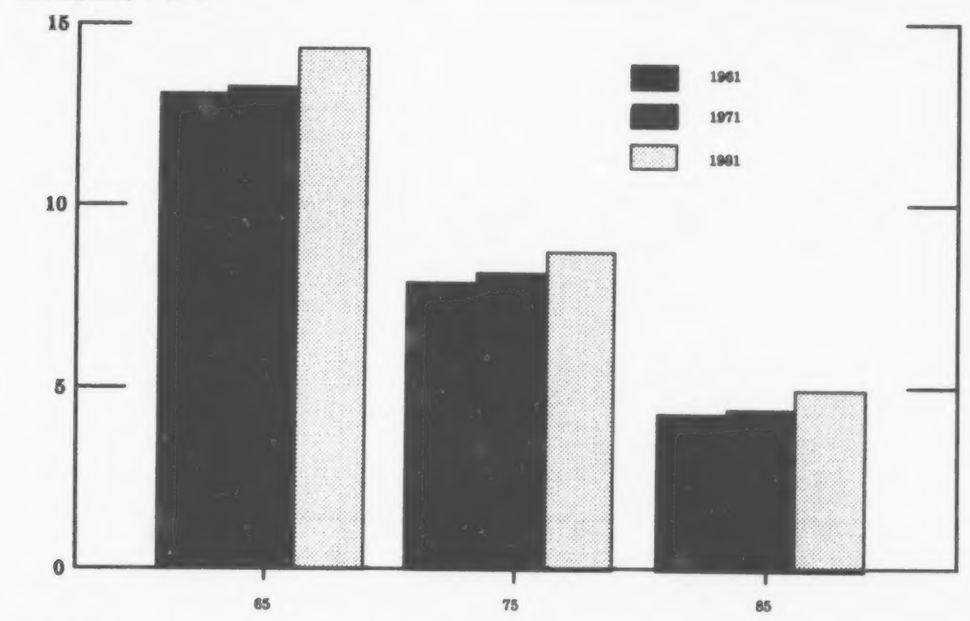
Refer to Table 7.3

Chart 7.2 Senior Female Life Expectancy by Age, Ontario, Selected Years, 1961 to 1981



Refer to Table 7.6

Chart 7.3 Senior Male Life Expectancy by Age, Ontario, Selected Years, 1961 to 1981



Refer to Table 7.6

Table 7.1 Senior Population, Ontario and Other Regions of Canada, Selected Years, 1921 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1985P	969.6	243.9	635.2	788.6	2,637.3	36.8
1984	936.2	237.2	617.1	760.9	2,551.4	36.7
1983	913.2	232.1	601.3	740.8	2,487.4	36.7
1982	892.3	227.3	586.2	722.0	2,427.8	36.8
1981	868.2	221.8	569.4	701.6	2,361.0	36.8
1976	738.9	191.6	481.4	590.5	2,002.3	36.9
1971	644.4	171.6	413.0	509.9	1,744.4	36.9
1966	567.7	158.5	351.6	461.7	1,539.5	36.9
1961	508.1	148.2	306.3	428.6	1,391.2	36.5
1956	454.4	137.2	264.0	388.3	1,243.9	36.5
1951	400.4	127.2	232.1	326.7	1,086.3	36.9
1941	301.3	88.4	176.0	202.1	767.8	39.2
1931	234.1	71.7	138.2	127.0	576.0	40.6
1921	172.3	70.4	108.8	68.8	420.2	41.0

Sources: Statistics Canada, *Census of Canada*.
Demography Division, *Postcensal Estimates of Population by Sex and Age for Canada, Provinces and Territories.*
Unpublished Data.

Note: The population of Newfoundland is excluded prior to 1951.

Table 7.2 Senior Population by Age Group and Sex, Ontario, Selected Years, 1921 to 1985

				% of Ontario Total		
Year	65 – 74	75 – 84	85 +	65 – 74	75 – 84	85 +
		'000's				
Males						
1985P	263.6	114.7	23.7	5.9	2.6	0.5
1984	255.2	110.3	22.7	5.8	2.5	0.5
1983	251.4	106.0	22.0	5.8	2.4	0.5
1982	247.3	102.2	21.6	5.8	2.4	0.5
1981	241.9	98.8	21.2	5.7	2.3	0.5
1976	206.9	84.0	19.4	5.1	2.1	0.5
1971	180.5	77.1	17.4	4.7	2.0	0.5
1966	163.6	72.6	14.0	4.7	2.1	0.4
1961	152.7	67.1	12.0	4.9	2.1	0.3
1956	144.8	57.8	10.2	5.3	2.1	0.4
1951	132.3	49.5	8.4	5.7	2.1	0.4
1941	99.1	39.5	6.2	5.2	2.1	0.3
1931	81.6	29.0	4.4	4.7	1.7	0.3
1921	59.8	22.1	4.0	4.0	1.5	0.3

Table 7.2 (cont'd.)

				% of Ontario Total		
Year	65 – 74	75 – 84	85 +	65 – 74	75 – 84	85 +
		'000's				
Females						
1985^{p}	322.0	184.3	61.3	7.0	4.0	1.3
1984	311.3	178.1	58.6	6.9	3.9	1.3
1983	306.3	171.6	56.0	6.8	3.8	1.3
1982	301.6	165.5	54.0	6.8	3.7	1.2
1981	294.6	160.2	51.5	6.7	3.7	1.2
1976	251.3	135.9	41.4	6.0	3.3	1.0
1971	218.8	118.2	32.5	5.7	3.1	0.8
1966	194.7	99.1	23.7	5.6	2.9	0.7
1961	173.7	84.1	18.5	5.6	2.7	0.6
1956	156.8	69.8	15.1	5.8	2.6	0.6
1951	138.7	58.9	12.5	6.1	2.6	0.6
1941	103.1	45.3	8.1	5.5	2.4	0.4
1931	82.7	30.8	5.7	4.9	1.8	0.3
1921	57.8	23.5	4.7	4.0	1.6	0.3

Table 7.2 (cont'd.)

				% of Ontario Total		
Year	65 – 74	75 – 84	85 +	65 – 74	75 – 84	85 +
		'000's				
Total						
1985^{p}	585.6	299.0	85.0	6.5	3.3	0.9
1984	566.4	288.5	81.2	6.3	3.2	0.9
1983	557.7	277.6	87.9	6.3	3.2	1.0
1982	548.9	267.8	75.6	6.3	3.1	0.9
1981	536.5	259.0	72.7	6.2	3.0	0.8
1976	458.2	220.0	60.8	5.5	2.7	0.7
1971	399.2	195.3	49.8	5.2	2.5	0.7
1966	358.3	171.7	37.7	5.2	2.5	0.5
1961	326.4	151.2	30.5	5.2	2.4	0.5
1956	301.6	127.6	25.2	5.6	2.4	0.5
1951	271.0	108.4	20.9	5.9	2.4	0.5
1941	202.2	84.9	14.2	5.3	2.2	0.4
1931	164.3	59.7	10.1	4.8	1.7	0.3
1921	117.5	45.7	8.7	4.0	1.6	0.3

Source: Statistics Canada, *Census of Canada.*
Demography Division, *Postcensal Estimates of Population by Sex and Age for Canada, Provinces and Territories.*
Unpublished data.

Table 7.3 Population Projections, Seniors, Ontario, Selected Years, 1986 to 2006

Year	65 – 74	75 – 84	85 +	% of Ontario Total 65 – 74	75 – 84	85 +
		'000's				
Males						
2006	357.1	212.5	58.0	7.0	4.2	1.1
2001	349.9	191.2	49.6	7.0	3.8	1.0
1996	344.0	164.6	40.3	7.0	3.4	0.8
1991	310.2	145.7	32.3	6.6	3.1	0.7
1986	271.6	120.9	25.8	6.0	2.7	0.6
Females						
2006	425.4	320.1	136.7	8.0	6.0	2.6
2001	416.3	294.9	116.5	8.0	5.6	2.2
1996	420.5	251.6	96.8	8.3	4.9	1.9
1991	387.1	222.2	79.8	7.9	4.5	1.6
1986	332.9	189.6	64.7	7.1	4.1	1.4
Total						
2006	782.5	532.7	194.7	7.5	5.1	1.9
2001	766.1	486.3	166.1	7.5	4.8	1.6
1996	764.5	416.2	137.1	7.7	4.2	1.4
1991	697.3	367.9	112.2	7.3	3.8	1.2
1986	604.5	310.6	90.5	6.6	3.4	1.0

Source: Ministry of Treasury and Economics, *Demographic Bulletin, Ontario Population Projections, 1984 – 2006*, August, 1985.

Note: Medium Fertility/Medium Migration Scenario.

Table 7.4 Senior Males per 100 Senior Females by Age Group, Ontario, Census Years, 1921 to 1981

Year	65 – 74	75 – 84	85 +
		number	
1981	82	62	41
1976	82	62	47
1971	83	65	54
1966	84	73	59
1961	88	80	65
1956	92	83	68
1951	95	84	67
1941	96	87	77
1931	99	94	77
1921	103	94	85

Source: Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Note: Calculated based on population data in Table 7.2.

Table 7.5 **Average Annual Growth Rates by Selected Age Group, Ontario, Selected Years, 1921 to 2006**

Year	0 – 14	15 – 64	65 +
2001 – 2006	−0.9	0.6	1.3
1996 – 2001	−0.6	0.7	1.5
1991 – 1996	0.2	0.6	2.3
1986 – 1991	0.4	0.8	3.2
1981 – 1986	−0.1	1.3	3.0
1976 – 1981	−1.9	1.5	3.3
1971 – 1976	−1.3	2.4	2.8
1966 – 1971	0.0	3.0	2.6
1961 – 1966	1.9	2.4	2.2
1951 – 1961	4.9	2.3	2.4
1941 – 1951	3.0	1.4	2.9
1931 – 1941	−0.4	1.4	2.5
1921 – 1931	0.8	1.8	3.1

Sources: Statistics Canada, *Census of Canada.*
Ministry of Treasury and Economics, *Demographic Bulletin, Ontario Population Projections, 1984 – 2006, August, 1985.*

Note: Projections 1986 – 2006 have Medium Fertility/Medium Migration Scenario.

Table 7.6 **Senior Life Expectancy by Age and Sex, Ontario, Selected Years, 1961 to 1981**

	65		75		85	
Year	Male	Female	Male	Female	Male	Female
1981	14.4	18.7	8.8	11.7	5.0	6.4
1971	13.4	17.6	8.2	10.7	4.5	5.8
1961	13.1	15.9	7.9	9.3	4.4	4.8

Source: Statistics Canada, *Life Tables, Canada and Provinces,* (84-532).

Note: Figures refer to the number of years a person at the specified age is expected to live.

Table 7.7 **Seniors Receiving Income by Source and Age Group, Ontario, 1980**

	65 – 74	75 – 84	85 +	Total
		percent		
Old Age Pensions	90	88	63	87
Investment	58	51	35	54
Other Government Payments	31	39	30	33
Other Pensions	36	27	15	32
Wages/Salaries	16	4	2	12
Other	8	2	1	6

Source: Statistics Canada, *Census of Canada,* based on sample data.

Note: Other includes Self-employment, U.I.C. and Family Allowances.

Table 7.8 **Income Distribution of Seniors by Age Group, Ontario, 1980**

	65 – 74	75 – 84	85 +	Total
		percent		
Under $4,000	17	17	39	19
4,000 – 9,999	51	65	50	55
10,000 – 14,999	14	9	6	12
15,000 – 19,999	7	4	2	6
20,000 & Over	10	5	3	8
Total	100	100	100	100

Source: Statistics Canada, *Census of Canada*, based on sample data.

Note: Under $4,000 includes those with no income and loss.

Table 7.9 **Income Distribution of Seniors by Age Group and Sex, Ontario, 1980**

	65 – 74		75 – 84		85 +		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
				percent				
Under $2,000	2	6	2	2	1	1	2	5
2,000 – 3,999	3	17	3	9	2	3	3	14
4,000 – 5,999	19	37	41	55	56	61	27	44
6,000 – 7,999	15	12	19	13	13	13	16	12
8,000 – 9,999	13	8	9	7	6	7	12	7
10,000 – 14,999	20	10	12	8	12	9	17	9
15,000 & Over	28	10	14	7	10	7	23	9
Total	100	100	100	100	100	100	100	100

Source: Statistics Canada, *Census of Canada*, based on sample data.

Note: Under $2,000 includes those with no income and loss.

Table 7.10 **Private Dwellings of Seniors by Tenure, Age Group and Sex of Household Maintainer, Ontario, 1981**

	55 – 64		65 – 74		75 – 84		85 +	
	Male	Female	Male	Female	Male	Female	Male	Female
				percent				
Owned	82	60	75	52	68	48	66	46
Rented	18	40	25	48	32	52	34	54
Total	100	100	100	100	100	100	100	100

Source: Statistics Canada, *Census of Canada*, based on sample data.

Note: Data shown are for private households only.

Table 7.11 Senior Household Maintainers, Distribution of Major Payments by Tenure, Ontario, 1981

	Renters	Owners	Total Household Maintainers
		percent	
Less than $200	42	78	64
200 – 299	33	14	21
300 – 399	18	4	9
400 & Over	8	4	6
Total	100	100	100

Source: Statistics Canada, *Census of Canada*, based on sample data.

Note: See note, Table 7.10.

Table 7.12 Seniors Housing Arrangements, Ontario, 1983

	Persons 65 +
	%
Live in Community	
Home Owners	67
Market Rental	24
Assisted Rental	9
Total	100
As % of Total Seniors	93
Live in Care Facilities	
Chronic	12
Extended	64
Residential	24
Total	100
As % of Total Seniors	7

Sources: Ministry of Health, Resources and Services Branch.
Ministry of Community and Social Services, Policy and Program Development Division, Elderly Unit.

Table 7.13 Seniors Participation in Selected Leisure Activities by Age Group, Ontario, 1982

	62 – 74	75 – 84	85 +
		percent	
Gardening	63	50	39
Participation in Clubs	44	34	29
Phoning Friends	83	82	70
Visiting Family	91	86	74
Visiting Friends	83	76	56
Participating in Sports	23	13	2
Travelling	70	57	33
Entertaining	65	56	30

Source: Ontario Seniors Secretariat, *Elderly Residents in Ontario: Age Differences with Particular Focus on Persons Aged 85 +*, September, 1985.

Note: Leisure Activity, which a person participates in by choice and of their own volition, includes recreational activities, hobbies, volunteer work, etc.

Table 7.14 Barriers to Participating in Everyday Activities, Seniors by Age Group, Ontario, 1982

	62 – 74	75 – 84	85 +	Total
		percent		
Respondents' Health Problems	18	33	36	24
Respondents Busy	19	8	2	14
Too Expensive	17	10	6	14
Distance	8	6	9	8
No Companions	5	9	9	7
No Transportation	4	6	8	5
Others Busy	5	4	4	5
Lazy	4	5	1	4
Family Has Health Problems	5	2	2	4
No Opportunities Available	3	4	2	3
Not Sure How to Go About It	3	2	1	3
Feeling of Being Too Old	1	2	8	2
Bad Weather	1	1	1	1
Fearful	1	1	1	1
Other	6	7	10	7
Total	100	100	100	100

Source: Ontario Seniors Secretariat, *Elderly Residents in Ontario: Age Differences with Particular Focus on Persons Aged 85 +*, September, 1985.

Table 7.15 Seniors with Disabilities by Age Group, Ontario, 1982

	62 – 74	75 – 84	85 +
		percent	
No Disabilities	78	63	28
1 – 2	16	24	44
3 +	6	13	28
Total	100	100	100

Source: Ontario Seniors Secretariat, *Elderly Residents in Ontario: Age Differences with Particular Focus on Persons Aged 85 +*, September, 1985.

Note: Disabilities are defined as difficulty in carrying out an activity or the inability to do the activity.

Table 7.16 Disabilities of Seniors by Age Group, Ontario, 1982

	62 – 74	75 – 84	85 +	Total
		percent		
Heavy Housework	16	26	54	22
Shopping	9	21	44	15
Bathing	4	13	30	9
Prepare Meals	4	12	16	8
Use Telephone	4	10	17	7
Handle Money	4	9	21	7

Source: Ontario Seniors Secretariat, *Elderly Residents in Ontario: Age Differences with Particular Focus on Persons Aged 85 +*, September, 1985.

Note: See note, Table 7.15.

Table 7.17 **Seniors Using Household Assistance for Related Activities by Age Group, Ontario, 1982**

	62 – 74	75 – 84	85 +
		percent	
Household Housework	19	31	52
Light Housework	8	14	32
Making Tea	1	3	10
Preparing Meals	2	6	21
Laundry	4	13	42
House Repairs	13	13	30
Climbing Stairs	2	3	10
Moving About Home	1	1	5
Using Telephone	1	3	10
Mending	2	3	16

Source: Ontario Seniors Secretariat, *Elderly Residents in Ontario: Age Differences with Particular Focus on Persons Aged 85 +*, September, 1985.

Table 7.18 **Selected Health Conditions Reported by Seniors, Ontario, 1982**

	Persons 62 +
	%
Arthritis/Rheumatism	57
High Blood Pressure	41
Circulation Trouble	32
Heart Trouble	30
Nerves	25
Depression	20
Dizziness	19
Stomach Disorder	19
Glaucoma, Cataracts	18
Vericose Veins	16

Source: Ontario Seniors Secretariat, *Elderly Residents in Ontario: Their Health Status and Use of the Health Care System*, September, 1985.

Table 7.19 **Hospital Separations and Patient Days per 1,000 Senior Population by Age Group, Ontario, 1982/83 to 1984/85**

Year	65 – 74	75 – 84	85 +	Total
		number		
1984/85				
Separations	300	429	510	358
Patient Days	3,835	7,028	10,273	5,388
1983/84				
Separations	298	425	501	354
Patient Days	3,832	6,841	10,016	5,283
1982/83				
Separations	298	428	501	355
Patient Days	3,893	6,954	9,655	5,313

Sources: Ministry of Health, Information and Resources Branch.
Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. Separations are the total number of people admitted to hospital and discharged or those admitted and who died.
2. Patient Days are the number of days spent in hospital including the day of admission but not the day of separation. The number of patient days is the number of days care has been given to a patient within a given time period, that is April 1 of one year to March 31 of the next year. This means if a patient was admitted prior to April 1 and continued to be cared for past this date, his/her stay would be divided between two years.

Table 7.20 Hospital Separations per 1,000 Senior Population by Chief Causes of Hospitalization and Age Group, Ontario, 1982/83 to 1984/85

Year	65 - 74	75 - 84	85 +	Total
		number		
1984/85				
Other Forms of Ischaemic Heart Disease	18.1	23.4	26.5	20.4
Cataract	11.8	22.2	19.5	15.7
Heart Failure	7.6	19.6	34.3	13.7
Other Cerebrovascular Diseases Including Late Effects	8.4	19.1	29.2	13.5
Acute Myocardial Infarction	9.9	13.7	13.0	11.3
Other Circumstances Requiring Contact With Health Services	10.0	12.4	13.8	11.1
Pneumonia	5.5	13.3	27.9	9.9
Fracture of Lower Limb	4.5	13.2	33.5	9.8
Other Forms of Heart Disease	7.7	11.9	13.3	9.5
Other Diseases of Respiratory System	7.9	11.6	10.6	9.3
1983/84				
Other Forms of Ischaemic Heart Disease	18.0	23.9	25.8	20.5
Cataract	10.7	20.0	18.5	14.2
Heart Failure	7.5	15.8	31.8	13.2
Other Cerebrovascular Diseases Including Late Effects	8.9	20.4	31.3	14.3
Acute Myocardial Infarction	9.6	13.4	12.6	11.0
Other Circumstances Requiring Contact With Health Services	10.0	11.9	13.3	10.9
Pneumonia	5.0	11.6	25.6	8.8
Fracture of Lower Limb	4.3	12.5	33.8	9.4
Other Forms of Heart Disease	7.5	12.1	13.6	9.4
Other Diseases of Respiratory System	7.4	11.2	9.3	8.8
1982/83				
Other Forms of Ischaemic Heart Disease	18.0	25.3	26.6	20.9
Cataract	9.7	18.5	16.4	12.9
Heart Failure	7.9	20.1	32.8	13.7
Other Cerebrovascular Diseases Including Late Effects	9.2	21.3	30.2	14.7
Acute Myocardial Infarction	9.9	14.0	13.1	11.4
Other Circumstances Requiring Contact With Health Services	9.9	11.1	10.6	10.3
Pneumonia	5.5	13.1	26.5	9.6
Fracture of Lower Limb	4.2	12.4	33.4	9.2
Other Forms of Heart Disease	7.6	12.1	14.0	9.5
Other Diseases of Respiratory System	7.8	11.4	9.2	9.0

Sources: Ministry of Health, Information and Resources Branch.
Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. Data refer to Acute Care and Rehabilitation Hospitals.
2. The leading diagnostic groups are based on 1985 rankings of separation days for the senior population of Ontario.
3. See Table 7.19, note 1.

Table 7.21 Pension Rates by Marital Status, Ontario, 1986

	Singles	Couples
	dollars	
GAINS (A) Guaranteed Income Level	8,651	14,403
Maximum GAINS(A)	996	1,992
Maximum GIS	4,157	5,415
Old Age Security Pension	3,498	6,996
Maximum CPP Retirement Pension	5,833	11,667

Source: Ministry of Revenue, Guaranteed Income and Tax Credit Branch.

Notes: 1. GIS stands for Guaranteed Income Supplement, a federal supplement given to seniors to ensure that their income is at a specified level.
2. GAINS (A) represent Ontario provincial income supplement for senior citizens.
3. OAS, GIS, GAINS, and CPP figures are based on the rates in effect as of the third quarter of 1986 (July to September).

Chapter 8
Labour Force and Employment

Labour Force and Employment

Labour Force

The labour force is the portion of the population fifteen years of age and over which is either employed or unemployed. Data in Tables 8.1 to 8.25 refer to the total of these two groups. Employment data, which deal with labour market statistics on employment and unemployment, average wages and salaries, strikes and lockouts, and plant layoffs, are presented in Tables 8.26 to 8.63. Data on population as a whole are covered in Chapter 3, Population, while statistics on women in the work force appear in Chapter 5, Women. Unemployment Insurance data appear in Chapter 30, Social Services.

Sources of Data

The two main sources of labour force information are Statistics Canada's Labour Force Survey and the Census of Canada.

The monthly Labour Force Survey is the most timely source of labour market information. It provides a wide range of data on employment, unemployment and total labour force, identifying:

- age, sex and marital status;
- educational attainment;
- occupational and industry groups;
- full-time and part-time employment;
- length of employment and unemployment;
- family data.

For purposes of the Labour Force Survey, the labour force refers to the civilian non-institutional population 15 years of age and over who, during the reference week, were employed or unemployed.

The Labour Force Survey covers about 10,000 households in Ontario. The sample used is designed to represent the total working age population with the exception of persons living on Indian reserves, inmates of institutions and full-time members of the armed forces. Monthly estimates of employment, unemployment and non-labour force activity refer to the specific week covered by the survey each month, normally the week containing the 15th day.

Rotation of the Labour Force Survey sample involves complete or partial replacement of sampling units in such a way that the sample for each month is a probability sample. One-sixth of the households rotate each month in order to minimize the effect of any bias due to the number of months a household has been in the survey. The data derived from this survey are subject to sampling error. Generally, the larger the geographic or other group which the data describe, or the more evenly a given characteristic is distributed throughout the population, the smaller the sampling error in percentage terms.

Data from the Labour Force Survey are available both seasonally adjusted and unadjusted. Seasonal adjustment removes fluctuations in the series caused by regular annual occurrences such as climate, crop cycles, holidays and vacation periods. With seasonally adjusted statistics, a moving average of several months can be used to smooth irregular fluctuations which may mask underlying trends in the data.

Beginning in January 1976, substantial revisions to the survey were introduced which affect the comparability of historical data. The data have been revised for the period January 1966 to December 1977, to obtain a consistent time series linking the former and revised surveys. The results of this linkage can be found in issues of *Historical Labour Force Statistics, (71-201)*, for 1977 or later. Items not covered in this publication have not been historically revised nor has any historical revision been performed on data prior to 1966. Therefore, comparisons of Labour Force Survey data between points in time prior to 1966 and more recent statistics should be made with caution. Labour Force Survey data are generally revised following each census since labour force data from the census are used as benchmarks. Annual averages of the monthly data are published in *Labour Force Annual Averages, 1975 – 1983, (71-529)*. Current data are published in *The Labour Force, (71-001)*, and are available on CANSIM. Unpublished data and custom tabulations are available by special request. For further information, contact the Labour Force Survey Sub-Division of Statistics Canada, telephone Ottawa, 990-9448.

The Census of Canada collects labour force data from a sample of households. In the 1981 Census, every fifth questionnaire asked for extensive labour force data by detailed occupation, industry and geographic area. A full census is taken every ten years while the intervening censuses provide a limited amount of labour force data. Information from the 1986 Census is expected to be released in the summer of 1987.

The decennial censuses have provided figures on the working population going back to the latter part of the 19th century, but definitions and measurement procedures have not remained the same from one census to another. Since 1951, the census has used a labour force concept roughly in line with the Labour Force Survey, while in earlier censuses a Gainfully Occupied definition was used.

The census definition of labour force covers a somewhat larger population than the Labour Force Survey definition in that it refers to the population 15 years of age and over, excluding inmates, who were either employed or unemployed during the week prior to enumeration. Although the 1981 Census data on labour force activity have been designed to meet, as far as possible, the Labour Force Survey's definitions of the employed and unemployed, questions asked to define the employed and unemployed differ in the two sources.

Experienced labour force is a concept used in the census and is derived by deducting from the total labour force unemployed persons 15 years of age and over who have never worked or who had worked only prior to January 1, 1980. In some 1981 Census publications and tabulations, the universe shown by industry is the experienced, employed labour force.

The census is the main source of detailed industry and occupational data on the labour force, cross-classified by demographic and economic characteristics. About 300 different industries are covered, combined with about 500 occupations. Occupation in the 1981 Census refers to the kind of work done by an individual during the reference week, as determined by kind of work reported and a description of the most important duties of the job. If a person did not have a job at the time of enumeration, the data relate to the job of longest duration since January 1, 1980. Persons with two or more jobs report information for the job at which they worked the most hours.

1981 Census labour force data are published in a number of reports by Statistics Canada (series 92). Data are also available on CANSIM and on microfiche and magnetic tape. Custom tabulations are available by special request. For a more complete discussion of the census, see Chapter 3, Population. Further information can be obtained from the Census Operations Division of Statistics Canada, telephone Ottawa, 990-9534.

Employment

The Ontario government administers legislation covering industrial relations, vacation provisions, statutory holidays, hours of work, maternity provisions, minimum wage rates, termination of employment and human rights. Apprenticeship programs are used to provide training for certain designated trades. The Province is responsible for the Workers' Compensation Board which provides benefits to injured employees. Both the federal and provincial governments seek to promote efficient settlement of industrial disputes and to protect workers in terms of standards, safety and fair compensation. The federal government provides placement services through Employment and Immigration Canada and operates the Unemployment Insurance Plan. Federal government labour legislation covers those employees, employers and trade unions which fall within federal jurisdiction. As conditions warrant, both levels of government operate job creation programs to reduce unemployment among particular groups.

Sources of Data

The main sources of data are:

- Statistics Canada's Labour Force Survey;
- Census of Canada;
- Statistics Canada's Survey of Employment, Payrolls and Hours;
- Corporations and Labour Unions Returns Act;
- Ontario Ministry of Labour data on layoffs, plant closures, strikes and lockouts;
- Statistics Canada's Small Business Statistics and Business Microdata Integration and Analysis.

Employed persons counted by the Labour Force Survey include all those who did any work for pay or profit during the reference week, or who worked as unpaid family workers for a family farm or business. Also included are those who had a job but did not report to work because of vacation, illness or labour disputes. The unemployed include those persons who were without work, were available for work, and had actively looked for work in the previous four weeks. Also included as unemployed are those who had not actively looked for work but were on layoff awaiting recall and those who had a new job to start within the next four weeks.

The unemployment rate is the number of unemployed persons expressed as a percentage of the labour force. There has recently been some discussion about whether the conventional unemployment rate may understate the true situation by not taking discouraged job seekers into account. Statistics Canada has developed alternate measures published in *Supplementary Measures of Unemployment, (71-X-512, no. 34 and no. 41)*, to respond to the interest in statistics underlying the unemployment rate. These studies illustrate the effects on the unemployment rate when different definitions of employment and unemployment are used. Another study has examined hidden unemployment, i.e. those persons who have suspended job search because they believe no work is available, but are not currently counted in the labour force. The results are available in *Labour Market-Related Reasons for Suspending Job Search, (71-X-512) Study 39*. For further information, contact the Labour and Household Surveys Analysis Division of Statistics Canada, telephone Ottawa, 990-9452.

The 1981 Census data on labour force activity have been designed to meet, as far as possible, the Labour Force Survey definition of the employed and unemployed. In the census, the employed include those persons who, during the week prior to enumeration did any work at all, or were absent from their jobs or businesses because of temporary illness or disability, vacation, labour dispute or absent for other reasons. The unemployed include those persons who, during the week prior to enumeration were without work, had actively looked for work in the past four weeks and were available for work, and those who had been on layoff for 26 weeks or less and expected to return to their job, or had definite arrangements to start a new job in four weeks or less. Further information is available from the Census Operations Division of Statistics Canada, telephone Ottawa, 990-9534.

Statistics Canada's Employment, Payrolls and Hours Survey is an establishment survey that provides data on employment, average weekly earnings, average weekly hours and average hourly earnings at detailed industrial and geographic levels. In April 1983, the survey was completely revised to cover all industries except agriculture, fishing and trapping, household services, religious organizations and military personnel, and has been redesigned to produce reliable estimates at the broad industry division level for provinces. The survey previously covered only commercial firms with 20 or more employees, excluding those in agriculture, fishing and trapping. The data are available in *Employment, Earnings and Hours, (72-002)*, and on CANSIM. For further information, contact the Labour Division of Statistics Canada, telelphone Ottawa, 990-9900.

Union Membership data are compiled by Statistics Canada from union returns filed in compliance with Part II of the Corporations and Labour Unions Returns Act (CALURA). Both Canadian and foreign-based labour unions active in Canada are required to disclose internal administrative practices and report financial operations. Annual returns are required from every labour union having a local or branch, and not less than 100 members in Canada. The data are published annually in *Corporations and Labour Unions Returns Act, Part II–Labour Unions, (71-202)*. Additional information is available from the Industrial Organization and Finance Division of Statistics Canada, telephone Ottawa, 990-9861.

The Ontario Ministry of Labour collects a wide range of data on plant layoffs, strikes and lockouts. Data on plant layoffs are based on information compiled by the Plant Closure Review and Employment Adjustment Branch. Under The Employment Standards Act, employers are required to report permanent and indefinite layoffs of 50 persons or more that occur within a four week period. The data do not include any information on temporary layoffs, i.e. those lasting 13 weeks or less. Information on layoffs involving less than 50 employees is reported by some employers on a voluntary basis, with the result that coverage is limited. No information on recalls is available. The data are published monthly in *Report on Permanent and Indefinite Layoffs in Ontario.* To provide data on the extent of work stoppages in labour disputes under Ontario jurisdiction, information on strikes and lockouts is compiled by the Ontario Ministry of Labour from administrative data of its Conciliation and Mediation Services Branch, newspaper clippings and data from Labour Canada. Data on illegal strikes are difficult to obtain in a comprehensive form. The data are published monthly in *Work Stoppages in Ontario by Industry*. For further information, contact the Ministry of Labour, Industrial Relations Division, telephone Toronto, 965-6886, and the Plant Closure Review and Employment Adjustment Branch, telephone Toronto, 965-0853. Additional information is available in the annual publication *Strikes and Lockouts in Canada*. Contact Labour Canada, Labour Data Branch, telephone Ottawa, 997-2980.

As part of Statistics Canada's Small Business Statistics initiative, data are now available on employment creation by province, industry division and firm size for each of the years from 1978 to 1984. A description of the methodology and technical caveats can be found in *Employment Creation in Canada: A Longitudinal Assessment, 1978-1984, (18-501)*. Further information can be obtained from Business Microdata Integration and Analysis, Statistics Canada, telephone Ottawa, 991-3610.

The service sector is the largest component of Ontario's economy in terms of employment and Gross Provincial Product, the fastest growing sector and the largest employer of women in the Ontario economy. In October 1985, the Ontario government initiated a special study of the service sector. An interim report of the study group's analysis, *Background Notes on the Service Sector in Ontario,* was released as an appendix to the Ontario Budget on May 13, 1986. For further information, contact the Ministry of Treasury and Economics, Service Sector Study, telephone Toronto, 965-9936.

Labour Force and Employment

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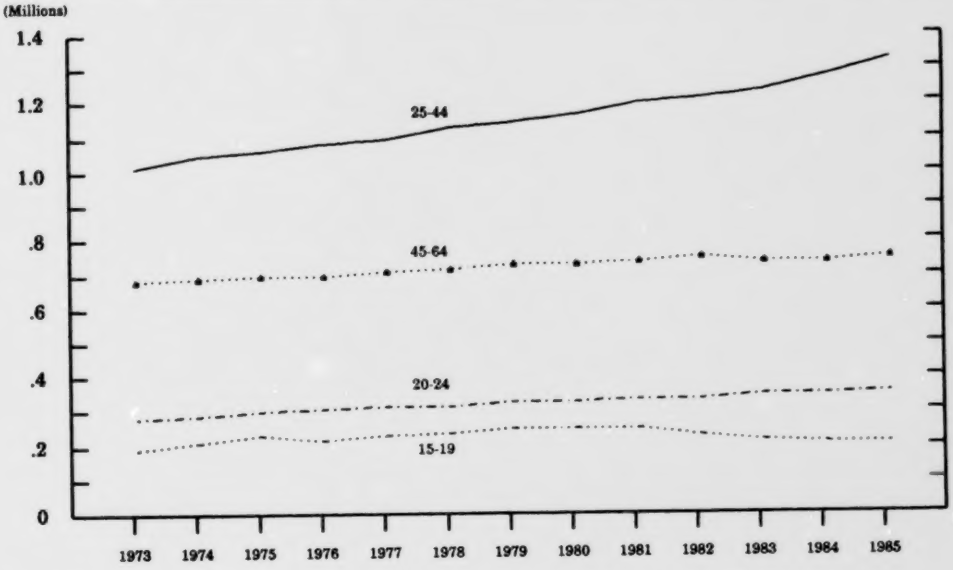
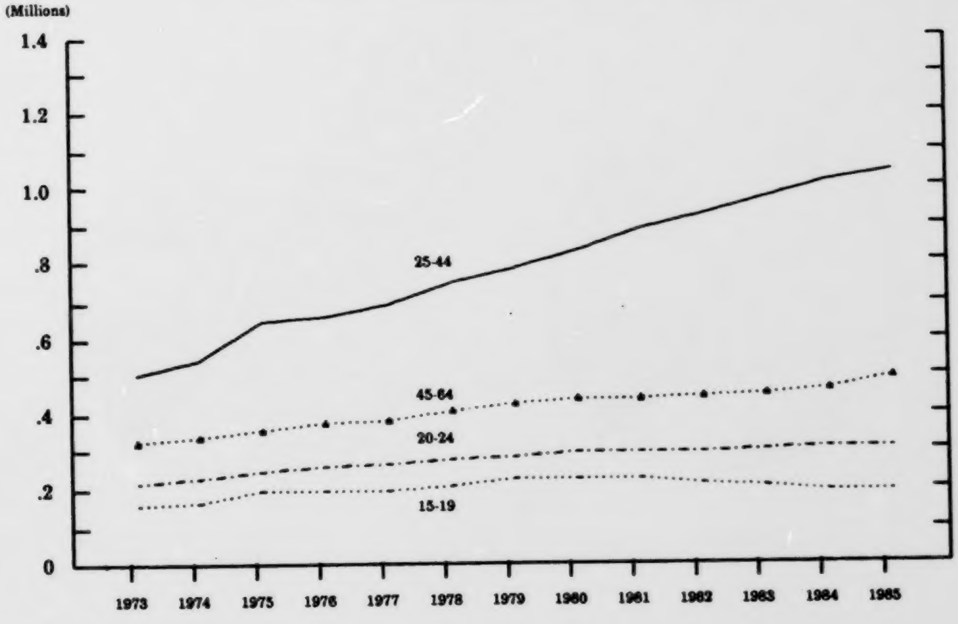
Chart 8.1 Labour Force, Male, by Age, Ontario, Annual Averages, 1973 to 1985



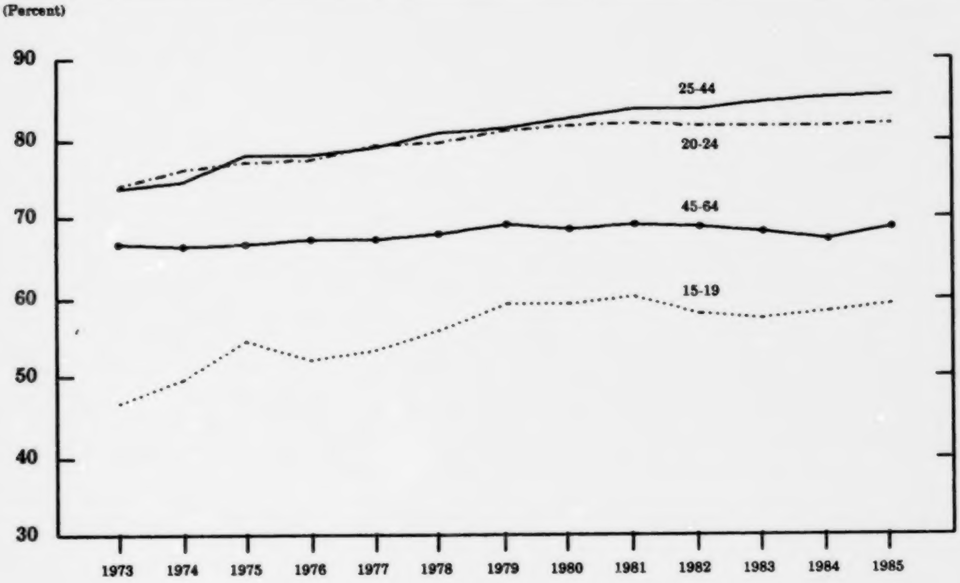
Refer to Table 8.4

Chart 8.2 Labour Force, Female, by Age, Ontario, Annual Averages, 1973 to 1985



Refer to Table 8.4

Chart 8.3 Participation Rates by Age, Ontario, Annual Averages, 1973 to 1985



Refer to Table 8.5

Chart 8.4 Labour Force by Major Industry Groups, Ontario, 1971 and 1981

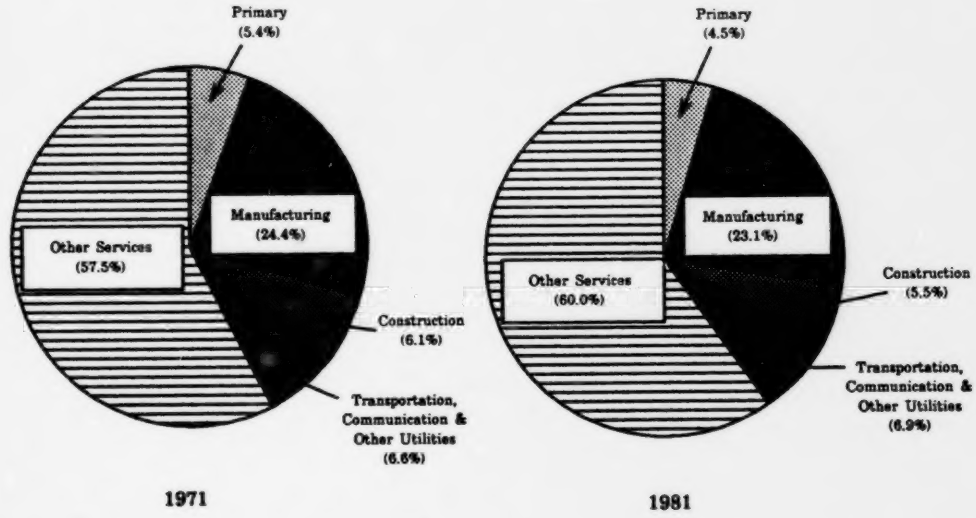


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Chart 8.5 Experienced Labour Force by Occupation Groups, Ontario, 1971 and 1981

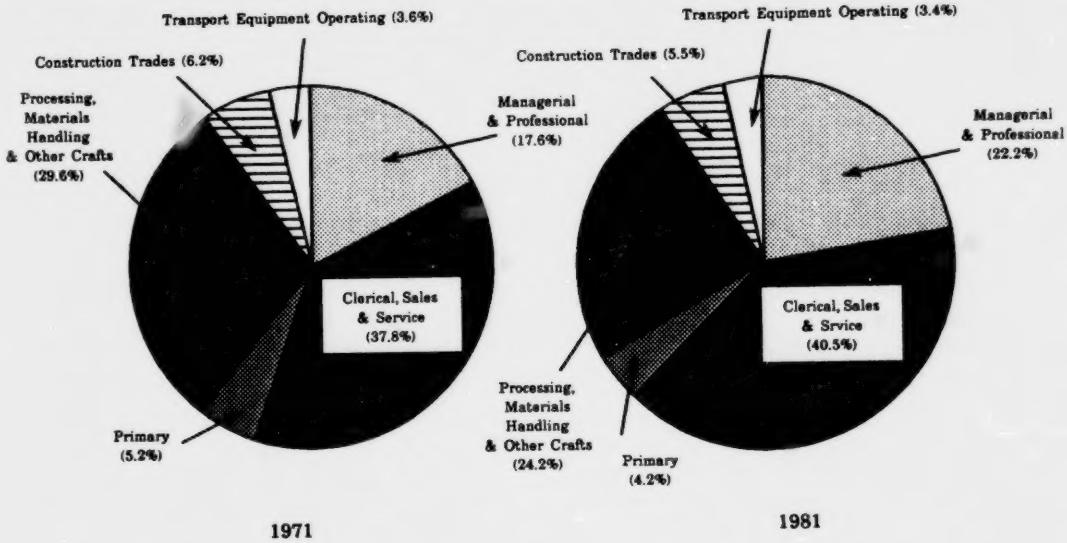

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Chart 8.6 Employed, Male, by Age, Ontario, Annual Averages, 1973 to 1985

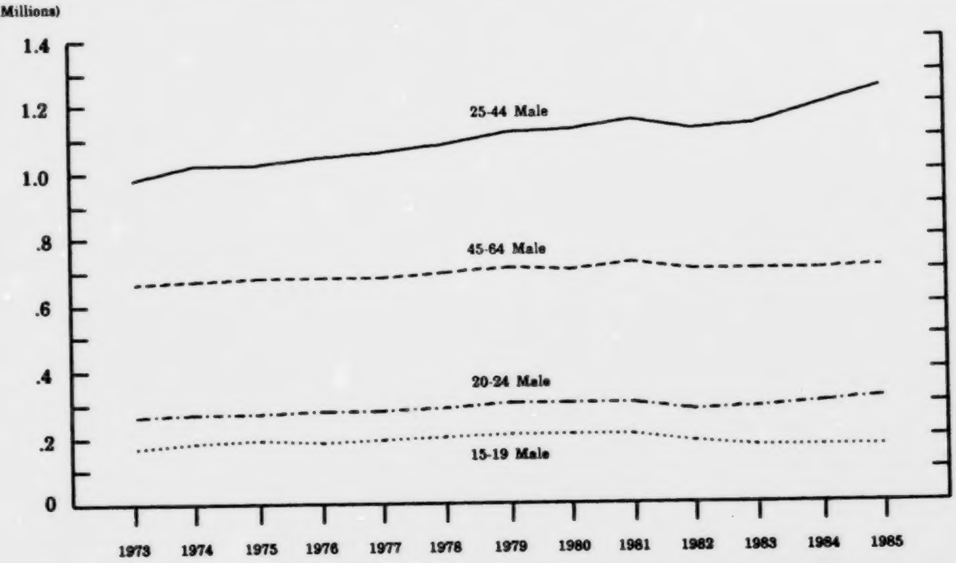

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Chart 8.7 Employed, Female, by Age, Ontario, Annual Averages, 1973 to 1985

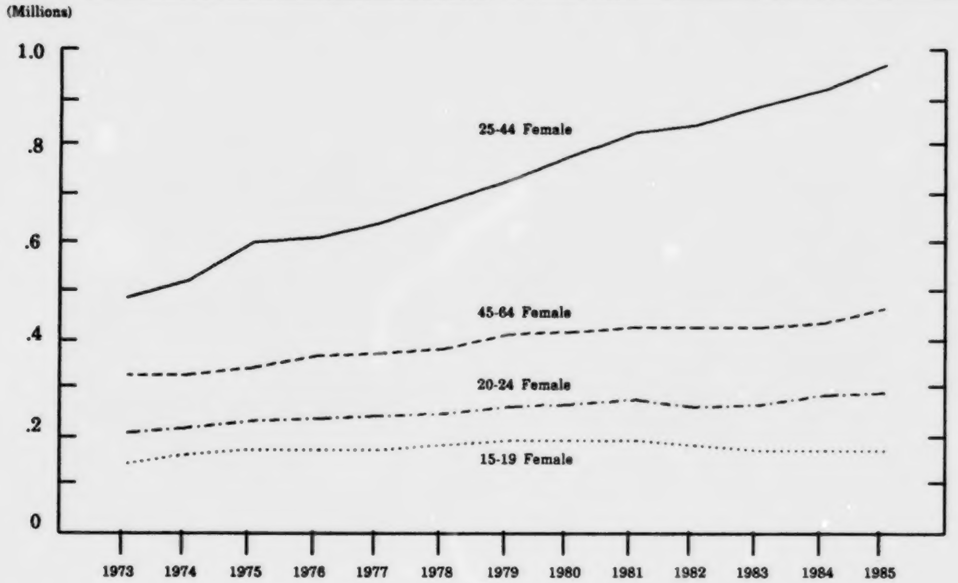

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Chart 8.8 Unemployment Rates by Age, Ontario, Annual Averages, 1973 to 1985

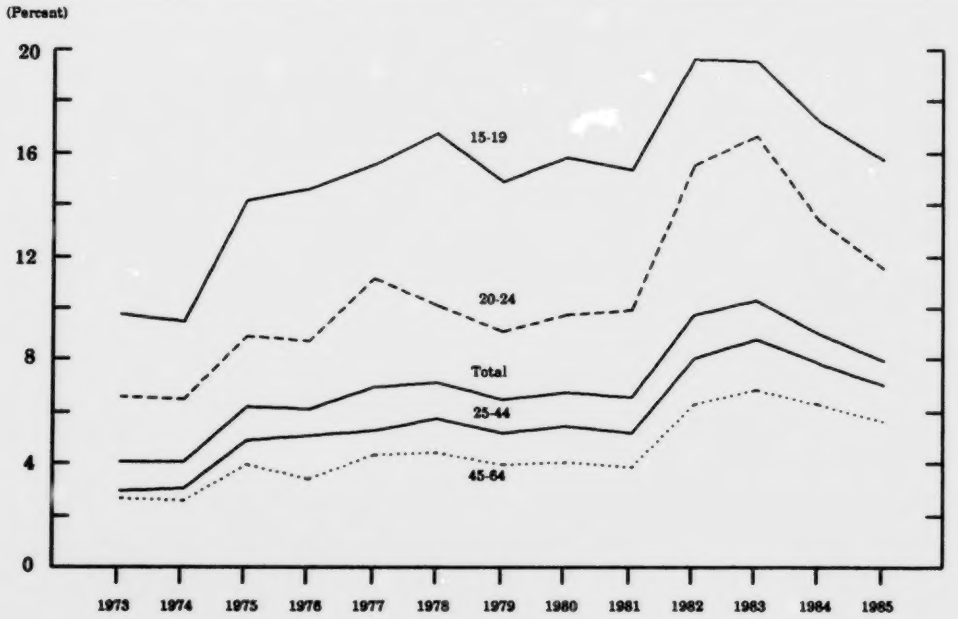

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Chart 8.9 Strikes and Lockouts, Duration and Employees Involved, Ontario, 1973 to 1984

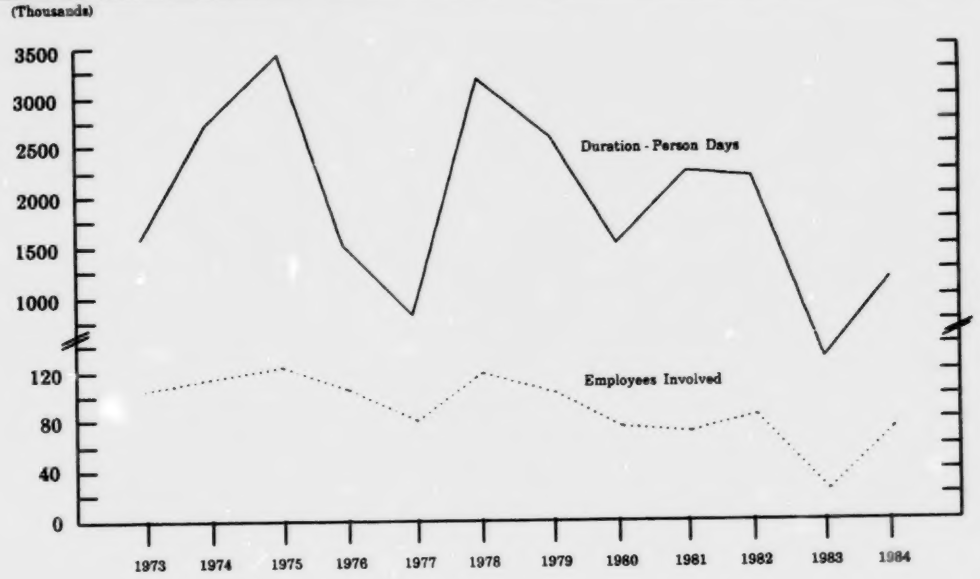

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Table 8.1 Working Age Population and Labour Force, Ontario and Other Regions of Canada, Selected Years, Annual Averages, 1946 to 1985

Year	Labour Force	Not In Labour Force	Population 15+	Participation Rate
		'000's		%
1985				
Ontario	4.787	2.255	7.042	68.0
Atlantic	978	740	1,717	57.0
Quebec	3,181	1,935	5,115	62.2
West	3,694	1,802	5,499	67.2
Canada	12,639	6,733	19,372	65.2
Ontario % of Canada	37.9	33.5	36.4	104.0
Ontario				
1984	4,666	2,256	6,921	67.4
1983	4,570	2,236	6,805	67.1
1982	4,508	2,195	6,703	67.3
1981	4,464	2,139	6,603	67.6
1980	4,350	2,168	6,518	66.7
1979	4,271	2,148	6,419	66.5
1978	4,133	2,183	6,316	65.4
1977	3,986	2,214	6,200	64.3
1976	3,882	2,199	6,081	63.8
1975	3,818	2,136	5,954	64.1
1974	3,686	2,129	5,815	63.4
1973	3,532	2,126	5,658	62.4
1972	3,410	2,119	5,529	61.7
1971	3,290	2,115	5,405	60.9
1966	2,787	1,873	4,660	59.8
1961	2,401	1,837	4,238	56.7
1956	2,147	1,626	3,773	56.9
1951	1,870	1,481	3,351	55.8
1946	1,702	1,350	3,052	55.8

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Historical Labour Force Statistics, (71-201).

Notes: 1. Prior to 1966, data cover persons 14 years of age and over.
2. Canada data exclude Yukon and Northwest Territories. Newfoundland included from 1951 on.

Table 8.2 **Persons In and Persons Not In the Labour Force by Sex, Ontario, Selected Years, Annual Averages, 1946 to 1985**

Year	In the Labour Force		Not In the Labour Force	
	Male	Female	Male	Female
		'000's		
1985	2,693	2,094	731	1,524
1984	2,640	2,026	724	1,531
1983	2,598	1,971	709	1,527
1982	2,584	1,924	674	1,521
1981	2,582	1,882	629	1,510
1980	2,534	1,816	639	1,529
1979	2,519	1,752	609	1,539
1978	2,469	1,664	612	1,570
1977	2,406	1,580	622	1,591
1976	2,360	1,522	614	1,584
1975	2,342	1,476	573	1,563
1974	2,295	1,391	554	1,575
1973	2,225	1,307	549	1,578
1972	2,172	1,237	540	1,580
1971	2,110	1,181	543	1,571
1966	1,878	908	407	1,467
1961	1,717	684	374	1,463
1956	1,587	560	280	1,346
1951	1,426	444	229	1,252
1946	1,285	417	218	1,132

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Historical Labour Force Statistics, (71-201).

Note: See Table 8.1, note 1.

Table 8.3 **Labour Force by Age, Ontario and Other Regions of Canada, Selected Years, Annual Averages, 1946 to 1985**

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
				'000's		
1985						
Ontario	406	679	2,379	1,249	74	4,787
Atlantic	78	161	511	215	12	978
Quebec	222	475	1,709	734	41	3,181
West	312	527	1,910	882	60	3,694
Canada	1,019	1,843	6,510	3,080	187	12,639
Ontario % of Canada	39.8	36.8	36.5	40.6	39.6	37.9
Ontario						
1984	414	672	2,298	1,210	72	4,666
1983	422	656	2,220	1,202	70	4,570
1982	444	640	2,146	1,199	79	4,508
1981	477	634	2,086	1,187	81	4,464
1980	478	625	2,009	1,165	73	4,350
1979	479	614	1,942	1,161	75	4,271
1978	450	601	1,883	1,127	72	4,133
1977	426	590	1,798	1,104	69	3,986
1976	415	566	1,746	1,084	71	3,882
1975	425	550	1,707	1,058	78	3,818
1974	378	528	1,590	1,031	66	3,592
1973	347	497	1,518	1,015	69	3,445
1972	318	490	1,467	981	72	3,329
1971	296	475	1,404	963	77	3,215
1966	241	343	1,222	834	90	2,729
1961	193	263	1,128	725	91	2,401
1956	184	250	1,014	604	95	2,147
1951	179	244	841	518	89	1,870
1946	. .	. .	. .	. .	. .	1,702

Sources: Statistics Canada, *The Labour Force, (71-001).*
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes: 1. Prior to 1966, the 15 – 19 age group was 14 – 19 years.
2. Data are unrevised for 1966 to 1975; therefore, the totals may not be the same as in Table 8.1 for this period.

Table 8.4 **Labour Force by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1985**

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			'000's			
Male						
1985	206	360	1,326	752	50	2,693
1984	213	351	1,283	742	51	2,640
1983	216	345	1,244	744	50	2,598
1982	228	337	1,217	747	55	2,584
1981	249	336	1,198	743	55	2,582
1980	250	327	1,173	730	54	2,534
1979	252	328	1,154	731	54	2,519
1978	240	322	1,131	723	53	2,469
1977	225	316	1,104	710	52	2,406
1976	215	305	1,084	703	53	2,360
1975	226	298	1,062	698	58	2,342
1974	205	294	1,045	693	51	2,288
1973	190	281	1,011	683	53	2,219
1972	173	279	987	674	55	2,169
1971	157	271	963	660	58	2,109
1966	134	205	871	592	71	1,872
1961	106	165	837	536	72	1,717
1956	103	156	772	476	80	1,587
1951	. .	. .	. .	. .	. .	1,426
1946	. .	. .	. .	. .	. .	1,285
Female						
1985	200	320	1,053	498	23	2,094
1984	201	321	1,015	468	21	2,026
1983	206	311	976	457	20	1,971
1982	216	303	929	452	24	1,924
1981	227	298	888	443	25	1,882
1980	228	297	837	435	20	1,816
1979	227	287	788	429	21	1,752
1978	210	279	751	405	19	1,664
1977	201	273	695	394	17	1,580
1976	200	261	661	381	19	1,522
1975	199	251	645	361	20	1,476
1974	173	234	545	338	15	1,304
1973	157	216	507	332	15	1,226
1972	145	211	480	308	17	1,160
1971	139	204	441	303	19	1,106
1966	107	138	352	241	19	857
1961	87	98	291	190	18	684
1956	81	94	242	128	15	560
1951	. .	. .	. .	. .	. .	444
1946	. .	. .	. .	. .	. .	417

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Note: See notes, Table 8.3.

Table 8.5 Participation Rates by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1985

Year	15 – 19	20 – 24	25 – 44	45 – 64	65+	Total Ontario	Total Canada
				percent			
Male							
1985	58.2	85.7	96.4	84.3	13.1	78.7	76.7
1984	58.6	84.8	96.2	84.0	13.7	78.5	76.6
1983	57.0	85.8	95.9	85.5	13.9	78.6	76.7
1982	58.0	86.1	96.3	87.1	15.6	79.3	77.0
1981	61.6	87.5	97.2	87.9	16.0	80.4	78.4
1980	60.7	86.1	96.8	87.4	16.0	79.9	78.4
1979	61.0	86.8	97.2	88.6	16.7	80.5	78.5
1978	58.2	86.2	97.1	88.5	17.0	80.1	78.1
1977	55.0	85.9	96.6	88.2	16.9	79.5	77.7
1976	53.1	84.3	96.8	88.6	17.9	79.3	77.6
1975	57.0	84.2	96.6	89.5	20.3	80.3	78.4
1974	52.8	85.4	97.4	90.6	18.3	80.3	79.0
1973	50.5	84.4	97.2	91.1	19.5	80.0	78.5
1972	47.0	85.2	97.4	91.8	20.6	80.0	77.9
1971	44.0	83.1	97.5	91.9	22.0	79.5	77.8
1966	45.0	87.6	98.3	94.0	29.6	81.9	79.9
1961	39.1	91.2	98.7	94.2	32.4	82.1	79.8
1956	49.8	93.4	98.8	94.1	39.0	85.0	82.2
1951	. .	. .	. .	. .	. .	86.2	83.9
1946	. .	. .	. .	. .	. .	85.5	85.1
Female							
1985	59.1	77.3	74.2	53.7	4.5	57.9	54.3
1984	57.7	77.9	73.7	50.9	4.2	57.0	53.5
1983	56.9	76.9	73.0	50.5	4.2	56.4	52.6
1982	57.2	76.2	71.3	50.7	5.0	55.8	51.7
1981	58.4	75.8	70.0	50.4	5.5	55.5	51.7
1980	57.0	76.5	67.5	50.1	4.4	54.3	50.4
1979	56.6	74.1	65.2	50.0	4.8	53.2	49.0
1978	52.6	72.4	63.6	47.6	4.5	51.4	47.9
1977	50.7	71.8	60.3	47.0	4.3	49.8	46.0
1976	51.0	69.9	58.9	46.2	4.8	49.0	45.2
1975	51.7	68.9	58.8	44.5	5.3	48.6	44.4
1974	45.9	66.2	51.0	42.6	4.0	44.0	40.5
1973	42.5	63.4	49.0	42.7	4.2	42.5	39.4
1972	40.3	62.9	47.7	40.5	4.9	41.2	37.8
1971	39.7	60.8	45.2	40.8	5.5	40.2	37.1
1966	36.6	56.5	39.0	37.9	6.3	36.1	33.6
1961	32.8	50.3	33.8	33.8	6.9	31.9	28.7
1956	39.3	51.9	30.5	26.0	6.4	29.4	24.9
1951	. .	. .	. .	. .	. .	26.2	23.5
1946	. .	. .	. .	. .	. .	26.9	24.7

Table 8.5 (cont'd.)

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total Ontario	Total Canada
				percent			
Total							
1985	58.6	81.5	85.1	68.7	8.2	68.0	65.2
1984	58.1	81.4	84.8	67.1	8.3	67.4	64.8
1983	57.0	81.3	84.3	67.7	8.3	67.1	64.4
1982	57.6	81.1	83.6	68.5	9.5	67.3	64.1
1981	60.0	81.6	83.4	68.8	10.0	67.6	64.8
1980	58.9	81.2	82.0	68.3	9.3	66.7	64.1
1979	58.8	80.4	81.0	68.9	9.8	66.5	63.4
1978	55.4	79.2	80.2	67.6	9.8	65.4	62.7
1977	52.9	78.8	78.4	67.2	9.7	64.3	61.6
1976	52.0	77.0	77.8	67.0	10.4	63.8	61.1
1975	54.4	76.4	77.7	66.5	11.8	64.1	61.1
1974	49.4	75.7	74.2	66.1	10.1	61.8	59.4
1973	46.5	73.8	73.2	66.5	10.7	60.9	58.7
1972	43.7	73.9	72.6	65.7	11.6	60.2	57.6
1971	41.9	71.8	71.5	65.9	12.6	59.5	57.2
1966	40.9	71.7	68.4	65.8	16.7	58.6	56.4
1961	36.0	69.9	66.0	64.0	18.8	56.7	54.1
1956	44.4	71.8	64.4	60.5	21.6	56.9	53.5
1951	. .	. .	. .	. .	. .	55.8	53.7
1946	. .	. .	. .	. .	. .	55.8	55.0

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Note: See notes, Table 8.3.

Table 8.6 Labour Force by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1985

Year	Male Married	Male Not Married	Female Married	Female Not Married	Total Married	Total Not Married
			'000's			
1985	1,804	889	1,257	837	3,061	1,726
1984	1,788	852	1,246	780	3,033	1,632
1983	1,783	815	1,199	772	2,982	1,588
1982	1,779	805	1,174	750	2,952	1,555
1981	1,760	821	1,142	740	2,902	1,562
1980	1,755	779	1,106	710	2,861	1,489
1979	1,759	760	1,069	683	2,828	1,443
1978	1,756	713	1,029	635	2,785	1,348
1977	1,724	683	971	610	2,694	1,292
1976	1,721	639	945	577	2,666	1,216
1975	1,718	624	923	554	2,641	1,177
1974	1,673	615	804	500	2,477	1,115
1973	1,634	585	749	477	2,383	1,063
1972	1,630	539	710	450	2,340	989
1971	1,587	522	673	434	2,259	956
1966	1,443	430	509	348	1,951	778

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes: 1. Not Married includes single, divorced, separated and widowed.
2. See Table 8.3, note 2.

Table 8.7 Participation Rates by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1985

	Male		Female		Total	
Year	Married	Not Married	Married	Not Married	Married	Not Married
			percent			
1985	82.2	72.4	58.1	57.6	70.2	64.4
1984	82.6	71.0	57.4	56.3	70.0	63.1
1983	82.7	70.9	56.0	56.9	69.4	63.3
1982	84.0	70.6	55.7	56.0	69.9	62.8
1981	84.9	72.3	54.9	56.5	69.8	63.8
1980	84.7	70.7	53.5	55.6	69.1	62.6
1979	85.3	71.3	52.3	54.8	68.9	62.4
1978	85.5	69.3	50.6	52.9	68.1	60.5
1977	85.5	67.4	48.6	51.9	67.1	59.1
1976	85.8	66.0	47.5	51.6	66.7	58.3
1975	86.5	67.2	46.7	52.0	66.7	59.1
1974	87.5	65.7	41.7	48.3	64.5	56.6
1973	87.6	64.3	40.0	47.2	63.8	55.3
1972	88.0	62.6	38.4	46.4	63.3	54.0
1971	88.4	60.9	37.2	46.0	62.7	53.1
1966	90.2	62.7	31.6	45.4	60.8	53.5

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes: 1. See Table 8.6, note 1.
2. See Table 8.3, note 2.
3. Not Married, 1966 to 1974, derived from Statistics Canada data.

Table 8.8 Labour Force by Sex and Family Status, Ontario, Annual Averages, 1975 to 1985

	Family Members						
Year	Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
				'000's			
Male							
1985	1,685	128	485	75	2,373	320	2,693
1984	1,699	91	475	72	2,336	303	2,640
1983	1,699	86	461	71	2,317	281	2,598
1982	1,717	65	445	71	2,298	286	2,584
1981	1,714	48	447	70	2,280	302	2,582
1980	1,724	33	435	64	2,257	277	2,534
1979	1,719	29	431	69	2,248	272	2,519
1978	1,718	25	400	67	2,210	259	2,469
1977	1,688	20	390	63	2,160	246	2,406
1976	1,686	18	373	61	2,138	222	2,360
1975	1,678	22	368	60	2,129	213	2,342
Female							
1985	267	1,122	350	64	1,803	290	2,094
1984	230	1,136	346	61	1,773	253	2,026
1983	215	1,100	339	62	1,715	256	1,971
1982	194	1,090	327	57	1,669	255	1,924
1981	181	1,072	317	57	1,627	255	1,882
1980	160	1,046	311	54	1,571	246	1,816
1979	150	1,010	293	55	1,508	243	1,752
1978	134	973	277	53	1,438	226	1,664
1977	128	916	263	53	1,360	220	1,580
1976	107	897	260	50	1,314	208	1,522
1975	109	871	244	45	1,269	207	1,476
Total							
1985	1,953	1,250	835	138	4,177	610	4,787
1984	1,929	1,227	821	133	4,110	556	4,666
1983	1,914	1,185	800	133	4,032	537	4,570
1982	1,911	1,156	772	129	3,967	541	4,508
1981	1,895	1,121	764	127	3,907	557	4,464
1980	1,885	1,078	746	119	3,827	523	4,350
1979	1,869	1,040	724	124	3,756	515	4,271
1978	1,853	998	677	120	3,648	485	4,133
1977	1,815	936	653	115	3,520	467	3,986
1976	1,794	914	633	110	3,452	431	3,882
1975	1,787	893	612	105	3,398	420	3,818

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Note: A family is defined as a group of two or more persons who are living together in the same dwelling and who are related by blood, marriage or adoption. A person living alone or who is related to no one else in the dwelling where he lives is classified as an unattached individual. The head of a family is determined by the respondent's perception of headship and as such is solely a statistical device which has no economic connotation.

Table 8.9 Participation Rates by Sex and Family Status, Ontario, Annual Averages, 1975 to 1985

Year	Family Members						
	Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
				percent			
Male							
1985	81.9	87.2	71.3	66.0	79.1	75.2	78.7
1984	82.7	86.4	70.4	64.2	79.3	72.8	78.5
1983	82.7	84.7	68.9	66.3	79.0	75.1	78.6
1982	84.1	84.1	68.4	68.4	80.0	74.3	79.3
1981	85.0	88.5	70.3	66.3	81.1	75.7	80.4
1980	85.1	83.7	69.0	62.8	80.6	74.1	79.9
1979	85.5	81.8	69.4	66.3	81.1	76.0	80.5
1978	86.0	82.1	66.5	64.9	80.9	74.3	80.1
1977	85.8	83.7	64.7	60.8	80.1	74.3	79.5
1976	86.1	87.4	63.0	61.2	80.1	73.0	79.3
1975	86.7	82.3	65.1	65.9	81.3	71.9	80.3
Female							
1985	64.1	57.4	67.6	40.1	59.1	51.1	57.9
1984	64.2	56.8	67.2	38.5	58.5	47.9	57.0
1983	61.3	55.7	66.1	38.8	57.3	50.9	56.4
1982	61.9	55.5	65.0	37.4	56.9	49.9	55.8
1981	61.6	54.5	64.8	38.3	56.1	51.6	55.5
1980	60.9	53.2	63.5	34.2	54.6	52.2	54.3
1979	58.4	52.1	62.5	35.0	53.4	52.1	53.2
1978	56.0	50.4	59.7	35.3	51.6	50.6	51.4
1977	56.3	48.2	58.0	34.8	49.8	50.1	49.8
1976	54.1	47.3	57.4	36.3	48.9	49.4	49.0
1975	51.6	46.5	57.3	34.2	48.1	52.0	48.6
Total							
1985	78.9	59.5	69.7	50.9	69.1	61.4	68.0
1984	79.9	58.3	69.0	49.1	68.8	58.9	67.4
1983	79.6	57.1	67.7	50.0	68.0	61.2	67.1
1982	81.1	56.6	66.9	49.9	68.3	60.4	67.3
1981	82.1	55.4	68.0	49.8	68.4	62.4	67.6
1980	82.3	53.8	66.6	45.4	67.5	61.9	66.7
1979	82.4	52.6	66.4	47.5	67.1	62.5	66.5
1978	82.8	50.9	63.6	47.2	66.1	61.0	65.4
1977	82.7	48.7	61.8	45.4	64.8	60.4	64.3
1976	83.1	47.7	60.6	46.8	64.5	59.3	63.8
1975	83.3	47.0	61.8	47.2	64.6	60.5	64.1

Sources: Statistics Canada, *The Labour Force, (71-001).*
Labour Force Annual Averages, (71-529).

Note: See note, Table 8.8.

Table 8.10 Husband-Wife Families and Lone Parent Families by Labour Force Activity, Showing Number of Children at Home, Ontario, 1981

	Families With Children at Home						Families With no Children	
	One	Two	Three	Four	Five +	Total	at Home	Total
					'000's			
Husband-wife Families								
Husband in Labour Force								
Wife in Labour Force	238.8	309.3	127.7	37.4	11.6	724.7	346.8	1,071.5
Wife not in Labour Force	149.6	204.6	96.1	31.0	12.1	493.5	162.7	656.2
Total	388.4	513.9	223.8	68.4	23.7	1,218.2	509.5	1,727.7
Husband not in Labour Force								
Wife in Labour Force	10.0	6.8	2.8	1.1	0.4	21.2	29.6	50.9
Wife not in Labour Force	28.1	11.8	5.6	2.4	1.3	49.1	201.1	250.1
Total	38.1	18.6	8.4	3.5	1.7	70.3	230.7	301.0
All Wives								
Total, Wife in Labour Force	248.8	316.1	130.5	38.5	12.0	745.9	376.4	1,122.4
Total, Wife not in Labour Force	177.7	216.4	101.7	33.4	13.4	542.6	363.8	906.3
Total	426.5	532.5	232.2	71.9	25.4	1,288.5	740.2	2,028.7
Lone Parent Families								
Male Lone Parent								
In Labour Force	18.3	10.7	4.0	1.2	0.6	34.9	. . .	34.9
Not in Labour Force	5.6	1.3	0.5	0.2	0.1	7.8	. . .	7.8
Total	24.0	12.0	4.5	1.4	0.8	42.6	. . .	42.6
Female Lone Parent								
In Labour Force	65.0	40.2	14.5	3.8	1.3	124.8	. . .	124.8
Not in Labour Force	47.2	21.6	9.0	3.3	1.7	82.8	. . .	82.8
Total	112.2	61.8	23.5	7.1	3.0	207.6	. . .	207.6
Total	136.2	73.8	28.0	8.5	3.7	250.2	. . .	250.2
Total Families	562.2	606.3	260.2	80.4	29.2	1,538.7	740.2	2,278.9

Source: Statistics Canada, *Census of Canada, Census Families in Private Households, (92-935).*

Notes: 1. Families are census families in private households.

2. Census family refers to a husband and a wife (with or without children who have never married, regardless of age), or a lone parent of any marital status, with one or more children who have never married, regardless of age, living in the same dwelling. For census purposes, persons living in a common-law type of arrangement are considered as now married, regardless of their legal marital status; they accordingly appear as a husband-wife family in the census family tables.

Table 8.11 **Husband-Wife Families by Number and Family Status of Family Members in the Labour Force, Ontario, 1981**

	With Children at Home			
	Wife Under 35	Wife 35 – 44	Wife 45 & Over	Total
		'000's		
No Persons in Labour Force	6.8	4.2	9.4	20.3
One Person in Labour Force				
Husband	211.0	92.7	40.7	344.4
Wife	4.7	2.9	2.9	10.5
Child	0.1	1.1	21.5	22.7
Total	215.7	96.7	65.1	377.6
Two Persons in Labour Force				
Husband & Wife	286.2	157.9	43.5	487.6
Husband & Child	1.2	24.7	72.0	97.9
Wife & Child	0.1	1.1	6.5	7.6
Two Children	––	0.4	4.4	4.8
Total	287.5	184.0	126.4	598.0
Three or More Persons in Labour Force				
Husband, Wife & Child(ren)	3.8	97.1	136.1	237.1
Husband & Children	0.2	13.5	37.5	51.2
Wife & Children	––	0.6	2.5	3.1
Children Only	–	––	1.3	1.3
Total	4.0	111.3	177.4	292.7
Total Husband-wife Families	514.0	396.2	378.3	1,288.5

Table 8.11 (cont'd.)

	With No Children at Home						
	Children no Longer at Home	Childless					
		Wife Under 35	Wife 35 – 44	Wife 45 & Over	Total	Total	Total
				'000's			
No Persons in Labour Force	166.3	1.3	0.4	33.0	34.8	201.1	221.4
One Person in Labour Force							
Husband	118.4	20.3	3.6	20.4	44.4	162.7	507.1
Wife	20.2	4.3	0.6	4.5	9.4	29.6	40.2
Child	–	–	–	–	–	–	22.7
Total	138.6	24.6	4.2	24.9	53.8	192.4	569.9
Two Persons in Labour Force							
Husband & Wife	113.0	191.9	20.9	21.0	233.8	346.8	834.4
Husband & Child	–	–	–	–	–	–	97.9
Wife & Child	–	–	–	–	–	–	7.6
Two Children	–	–	–	–	–	–	4.8
Total	113.0	191.9	20.9	21.0	233.8	346.8	944.7
Three or More Persons in Labour Force							
Husband, Wife & Child(ren)	–	–	–	–	–	–	237.1
Husband & Children	–	–	–	–	–	–	51.2
Wife & Children	–	–	–	–	–	–	3.1
Children Only	–	–	–	–	–	–	1.3
Total	–	–	–	–	–	–	292.7
Total Husband-wife Families	417.9	217.8	25.5	79.0	322.3	740.2	2,028.7

Source: Statistics Canada, *Census of Canada, Census Families in Private Households*, (92-935).

Note: See notes, Table 8.10.

Table 8.12 Lone-Parent Families by Number and Family Status of Family Members in the Labour Force, Ontario, 1981

	Male Parent				
	Under 35	35 – 44	45 – 54	55 & Over	Total
			number		
No Persons in Labour Force	410	405	375	1,645	2,835
One Person in Labour Force					
Parent	5,310	7,280	4,345	1,780	18,715
Child	5	95	370	3,700	4,175
Total	5,315	7,375	4,715	5,480	22,885
Two Persons in Labour Force					
Parent & Child	150	2,745	5,285	4,000	12,185
Children	–	20	100	495	615
Total	150	2,765	5,385	4,500	12,800
Three or More Persons in Labour Force					
Parent & Children	10	680	2,015	1,270	3,980
Children Only	–	–	25	115	140
Total	10	685	2,040	1,385	4,115
Total Lone-Parent Families	5,890	11,225	12,520	13,005	42,635

Table 8.12 (cont'd.)

	Female Parent					
	Under 35	35 – 44	45 – 54	55 & Over	Total	Total
				number		
No Persons in Labour Force	24,310	8,985	5,190	7,970	46,450	49,280
One Person in Labour Force						
Parent	40,185	24,290	8,835	2,525	75,835	94,550
Child	200	2,355	4,680	21,715	28,945	33,120
Total	40,385	26,650	13,510	24,240	104,785	127,675
Two Persons in Labour Force						
Parent & Child	580	10,160	14,325	9,870	34,935	47,115
Children	20	770	1,795	3,345	5,930	6,545
Total	600	10,935	16,120	13,210	40,865	53,665
Three or More Persons in Labour Force						
Parent & Children	80	4,270	6,765	2,940	14,055	18,030
Children Only	5	180	545	695	1,425	1,560
Total	85	4,445	7,310	3,630	15,475	19,595
Total Lone-Parent Families	65,370	51,010	42,140	49,060	207,575	250,210

Source: Statistics Canada, *Census of Canada, Census Families in Private Households*, (92-935).

Note: See notes, Table 8.10.

Table 8.13 Labour Force by Age, Showing Mobility Status, Ontario, 1981

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
				'000's				
15 – 24	494.9	299.0	201.4	40.8	34.7	276.9	575.9	1,070.7
25 – 34	296.2	482.8	312.1	59.6	54.3	426.1	909.0	1,205.2
35 – 44	461.7	234.0	134.6	30.1	27.5	192.2	426.2	887.8
45 & Over	936.4	211.9	105.8	21.8	20.0	147.6	359.5	1,295.9
Total	2,189.1	1,227.7	754.0	152.3	136.6	1,042.8	2,270.5	4,459.6

Source: Statistics Canada, *Census of Canada, Labour Force–Occupation and Industry–Mobility Status,* (92-927).

Note: See notes, Table 3.50.

Table 8.14 Labour Force by Industry, Showing Mobility Status, Ontario, 1981

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
				'000's				
Agriculture	100.3	19.4	17.5	1.7	2.8	22.0	41.5	141.8
Forestry	7.3	3.5	2.8	0.7	0.1	3.6	7.1	14.4
Fishing & Trapping	1.1	0.7	0.5	--	0.1	0.7	1.3	2.5
Mines (incl. milling), Quarries & Oil Wells	22.4	11.0	7.5	1.9	0.4	9.8	20.8	43.1
Manufacturing	517.5	304.2	165.1	28.2	40.6	233.9	538.1	1,055.5
Construction	132.5	68.9	38.2	4.9	5.0	48.2	117.1	249.6
Transportation, Communication & Other Utilities	152.5	91.7	59.1	11.0	4.8	75.0	166.6	319.1
Trade	381.5	199.9	120.6	21.5	19.9	162.0	362.0	743.4
Finance, Insurance & Real Estate	105.5	80.6	52.6	12.8	9.0	74.4	155.0	260.5
Community, Business & Personal Service	602.2	356.2	228.0	46.3	45.2	319.5	675.8	1,278.0
Public Administration & Defence	145.8	79.6	54.9	21.3	6.1	82.3	161.8	307.7
All Industries	2,168.6	1,215.6	746.9	150.4	134.1	1,031.4	2,247.1	4,415.6
Not Applicable	20.6	12.0	7.0	1.9	2.5	11.4	23.4	44.0
Total	2,189.1	1,227.7	754.0	152.3	136.6	1,042.8	2,270.5	4,459.6

Source: Statistics Canada, *Census of Canada, Labour Force–Occupation and Industry–Mobility Status,* (92-927).

Notes: 1. See notes, Table 3.50.

2. Not Applicable refers to unemployed persons 15 years of age and over who have never worked or who had worked only prior to January 1, 1980.

3. Industry data include computer assignment of the unspecified or undefined. These assignments are based on selected socio-economic characteristics.

Table 8.15 Labour Force by Occupation and Sex, Showing Mobility Status, Ontario, 1981

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
				'000's				
Male								
Managerial, Administrative & Related	145.0	70.3	60.8	17.1	7.9	85.8	156.1	301.1
Natural Sciences, Engineering & Mathematics	61.1	34.1	31.4	8.5	6.8	46.7	80.7	141.8
Social Sciences & Related	14.1	10.2	7.9	1.9	0.7	10.5	20.7	34.8
Religion	2.8	0.9	3.0	0.8	0.7	4.5	5.4	8.2
Teaching & Related	35.9	18.2	13.7	2.4	1.8	17.9	36.1	72.0
Medicine & Health	18.1	10.5	7.6	1.6	1.4	10.5	21.1	39.2
Artistic, Literary, Recreational & Related	17.2	12.2	8.2	2.3	1.4	11.9	24.1	41.2
Clerical & Related	99.8	57.8	29.6	6.6	5.3	41.4	99.2	199.0
Sales	111.9	59.0	39.9	7.6	4.5	52.1	111.0	222.9
Service	119.0	61.2	37.8	13.4	11.1	62.3	123.5	242.5
Farming, Horticultural & Animal Husbandry	77.6	16.0	11.7	1.5	1.7	14.9	30.9	108.5
Fishing, Trapping & Related	0.6	0.4	0.2	--	0.1	0.3	0.6	1.2
Forestry & Logging	5.8	2.8	1.9	0.6	0.1	2.6	5.4	11.2
Mining & Quarrying Including Oil & Gas Field	10.1	4.9	3.1	0.7	0.1	3.9	8.8	18.9
Processing	67.8	38.9	17.7	2.7	4.2	24.5	63.4	131.2
Machining & Related	66.7	39.5	19.7	2.5	6.7	28.9	68.5	135.2
Product Fabricating, Assembling & Repairing	147.0	83.9	46.4	6.2	11.4	63.9	147.8	294.9
Construction Trades	131.1	66.0	36.8	4.5	4.5	45.7	111.7	242.8
Transport Equipment Operating	68.7	44.5	24.5	3.5	1.6	29.6	74.1	142.9
Material Handling & Related n.e.c.	39.9	22.4	10.3	1.8	1.6	13.7	36.1	76.0
Other Crafts & Equipment Operating	23.3	12.6	7.8	1.0	1.0	9.8	22.4	45.7
Occupations Not Elsewhere Classified	29.2	14.9	7.5	1.6	1.8	10.9	25.8	55.0
All Occupations	1,292.6	681.2	427.3	88.7	76.4	592.3	1,273.5	2,566.0
Not Applicable	8.6	4.2	2.1	0.6	0.9	3.6	7.8	16.4
Total	1,301.2	685.4	429.4	89.3	77.3	595.9	1,281.3	2,582.5

Table 8.15 (cont'd.)

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
				'000's				
Female								
Managerial, Administrative & Related	44.9	32.5	21.6	5.4	2.4	29.4	61.9	106.9
Natural Sciences, Engineering & Mathematics	6.8	6.3	5.7	1.5	1.2	8.5	14.8	21.6
Social Sciences & Related	16.3	11.5	9.5	1.7	1.0	12.2	23.7	40.0
Religion	0.9	0.3	0.5	0.3	0.2	0.9	1.2	2.0
Teaching & Related	49.4	28.1	20.6	3.3	2.2	26.0	54.1	103.5
Medicine & Health	62.8	43.3	31.6	5.5	4.1	41.2	84.5	147.3
Artistic, Literary, Recreational & Related	11.0	8.8	5.6	1.7	1.0	8.4	17.2	28.2
Clerical & Related	321.2	204.6	115.5	23.3	17.5	156.3	360.9	682.1
Sales	94.6	45.7	27.6	5.4	3.7	36.8	82.5	177.1
Service	132.8	75.5	41.3	8.4	10.8	60.5	135.9	268.7
Farming, Horticultural & Animal Husbandry	25.5	6.1	5.8	0.6	1.1	7.4	13.5	39.0
Fishing, Trapping & Related	0.1	0.1	--	–	--	--	0.1	0.2
Forestry & Logging	0.8	0.3	0.3	0.1	--	0.3	0.7	1.4
Mining & Quarrying Including Oil & Gas Field	0.2	0.1	--	--	–	0.1	0.2	0.4
Processing	18.3	10.9	5.3	0.6	1.4	7.3	18.2	36.5
Machining & Related	6.5	5.0	2.4	0.3	0.7	3.3	8.3	14.8
Product Fabricating, Assembling & Repairing	48.6	32.5	14.4	2.0	7.5	23.8	56.3	104.9
Construction Trades	2.3	1.5	0.8	0.1	0.1	1.1	2.6	4.8
Transport Equipment Operating	6.1	3.9	2.5	0.3	0.1	2.9	6.9	13.0
Material Handling & Related, n.e.c.	14.4	9.0	3.8	0.7	1.4	5.9	14.9	29.3
Other Crafts & Equipment Operating	6.0	4.2	2.3	0.3	0.4	3.0	7.1	13.1
Occupations Not Elsewhere Classified	6.7	4.4	2.5	0.5	0.9	3.8	8.2	14.9
All Occupations	876.0	534.5	319.7	61.7	57.7	439.1	973.6	1,849.5
Not Applicable	12.0	7.8	4.9	1.3	1.6	7.8	15.6	27.6
Total	888.0	542.3	324.6	63.0	59.3	446.9	989.2	1,877.2

Table 8.15 (cont'd.)

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
				'000's				
Total								
Managerial, Administrative & Related	190.0	102.8	82.4	22.5	10.3	115.2	218.0	407.9
Natural Sciences, Engineering & Mathematics	67.9	40.4	37.1	9.9	8.1	55.1	95.5	163.4
Social Sciences & Related	30.4	21.7	17.4	3.6	1.7	22.7	44.4	74.8
Religion	3.7	1.2	3.4	1.1	0.9	5.4	6.6	10.2
Teaching & Related	85.2	46.3	34.3	5.6	4.0	43.9	90.3	175.5
Medicine & Health	80.9	53.8	39.2	7.0	5.5	51.7	105.6	186.5
Artistic, Literary, Recreational & Related	28.2	21.0	13.8	4.1	2.4	20.3	41.2	69.5
Clerical & Related	420.9	262.3	145.1	29.9	22.8	197.8	460.1	881.1
Sales	206.5	104.7	67.5	13.0	8.3	88.8	193.5	400.0
Service	251.8	136.6	79.1	21.9	21.8	122.7	259.4	511.2
Farming, Horticultural & Animal Husbandry	103.1	22.1	17.5	2.0	2.8	22.3	44.4	147.5
Fishing, Trapping & Related	0.7	0.4	0.2	--	0.1	0.3	0.7	1.4
Forestry & Logging	6.5	3.1	2.1	0.7	0.1	2.9	6.1	12.6
Mining & Quarrying Including Oil & Gas Field	10.3	5.0	3.1	0.7	0.1	3.9	8.9	19.2
Processing	86.0	49.8	23.0	3.2	5.6	31.8	81.6	167.7
Machining & Related	73.2	44.5	22.1	2.8	7.4	32.3	76.8	150.0
Product Fabricating, Assembling & Repairing	195.6	116.4	60.7	8.1	18.9	87.7	204.1	399.7
Construction Trades	133.3	67.5	37.6	4.6	4.6	46.8	114.3	247.6
Transport Equipment Operating	74.8	48.4	27.0	3.8	1.8	32.6	81.0	155.8
Material Handling & Related, n.e.c.	54.3	31.4	14.1	2.5	3.0	19.6	51.0	105.2
Other Crafts & Equipment Operating	29.2	16.8	10.1	1.3	1.3	12.8	29.6	58.8
Occupations Not Elsewhere Classified	35.9	19.3	10.0	2.0	2.7	14.8	34.0	69.9
All Occupations	2,168.6	1,215.6	746.9	150.4	134.1	1,031.4	2,247.1	4,415.6
Not Applicable	20.6	12.0	7.0	1.9	2.5	11.4	23.4	44.0
Total	2,189.1	1,227.7	754.0	152.3	136.6	1,042.8	2,270.5	4,459.6

Source: Statistics Canada, *Census of Canada, Labour Force–Occupation and Industry–Mobility Status, (92-927).*

Note: See notes, Table 8.14.

Table 8.16 Agriculture, Non-Agriculture and Unclassified Labour Force by Sex, Ontario and Other Regions of Canada, Annual Averages, 1971 to 1985

	Agriculture		Non-agriculture		Unclassified		Total	
Year	Male	Female	Male	Female	Male	Female	Male	Female
					'000's			
1985								
Ontario	92	48	2,591	2,027	10	18	2,693	2,094
Atlantic	. . .	. . .	545	391	. . .	. . .	571	405
Quebec	68	26	1,782	1,268	16	22	1,866	1,315
West	190	75	1,927	1,474	. . .	. . .	2,128	1,568
Canada	370	156	6,846	5,160	41	66	7,257	5,382
Ontario % of Canada	24.9	30.8	37.8	39.3	24.4	27.3	37.1	38.9
Ontario								
1984	92	45	2,537	1,960	11	21	2,640	2,026
1983	99	51	2,488	1,900	12	20	2,598	1,971
1982	96	48	2,479	1,859	9	17	2,584	1,924
1981	104	48	2,470	1,816	8	18	2,582	1,882
1980	102	49	2,424	1,750	8	17	2,534	1,816
1979	108	46	2,404	1,686	8	20	2,519	1,752
1978	96	42	2,364	1,603	9	19	2,469	1,664
1977	95	39	2,305	1,527	7	15	2,406	1,580
1976	85	33	2,268	1,476	6	13	2,360	1,522
1975	90	33	2,240	1,424	12	18	2,342	1,476
1974	94	22	2,186	1,274	8	9	2,288	1,304
1973	99	20	2,112	1,198	8	8	2,219	1,226
1972	93	21	2,064	1,131	12	9	2,169	1,160
1971	110	23	1,983	1,072	16	12	2,109	1,106

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
The Labour Force, (71-001).

Notes: 1. Unclassified comprises unemployed persons who have never worked before, and those persons who last worked more than 5 years ago.
2. Data are unrevised for 1971 to 1975.

Table 8.17 Labour Force by Sex and Industry, Ontario, Annual Averages, 1975 to 1985

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Male						
1985	92	54	765	243	246	440
1984	92	50	753	243	234	427
1983	99	53	735	229	231	408
1982	96	55	766	230	234	411
1981	104	61	797	224	236	383
1980	102	58	771	232	243	375
1979	108	44	770	235	236	392
1978	96	52	726	239	235	395
1977	95	56	709	237	226	372
1976	85	57	697	237	225	367
1975	90	49	695	235	212	372

Table 8.17 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Adminis-tration	Unclas-sified	Total	% of Canada
			'000's			
Male						
1985	105	556	184	10	2,693	37.1
1984	115	533	182	11	2,640	36,8
1983	106	552	173	12	2,598	36.6
1982	102	507	174	9	2,584	36.8
1981	98	496	177	8	2,582	36.6
1980	103	462	179	8	2,534	36.5
1979	99	465	163	8	2,519	37.0
1978	101	437	179	9	2,469	37.1
1977	97	433	175	7	2,406	37.0
1976	92	415	179	6	2,360	37.1
1975	91	409	176	12	2,342	37.2

Table 8.17 (cont'd.)

Year	Agri-culture	Other Primary	Manu-facturing	Con-struction	Trans-portation, Commu-nication & Other Utilities	Trade
				'000's		
Female						
1985	48	6	322	28	80	379
1984	45	6	327	21	81	356
1983	51	5	319	22	81	340
1982	48	6	313	23	79	335
1981	48	7	315	21	76	333
1980	49	6	317	23	74	330
1979	46	4	298	21	71	329
1978	42	4	277	21	66	301
1977	39	4	261	20	61	288
1976	33	4	269	18	59	280
1975	33	4	243	17	53	280

Table 8.17 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Adminis-tration	Unclas-sified	Total	% of Canada
			'000's			
Female						
1985	163	924	125	18	2,094	38.9
1984	168	883	117	21	2,026	38.7
1983	156	862	114	20	1,971	38.8
1982	159	830	114	17	1,924	39.1
1981	157	801	107	18	1,882	38.8
1980	156	746	98	17	1,816	39.2
1979	145	719	99	20	1,752	39.6
1978	139	695	99	19	1,664	39.3
1977	133	664	96	15	1,580	39.5
1976	132	620	94	13	1,522	39.7
1975	124	609	93	18	1,476	40.1

Table 8.17 (cont'd.)

Year	Agri-culture	Other Primary	Manu-facturing	Con-struction	Trans-portation, Commu-nication & Other Utilities	Trade
				'000's		
Total						
1985	140	60	1,087	270	326	819
1984	137	56	1,080	264	315	784
1983	150	58	1,054	252	312	748
1982	144	60	1,079	253	312	746
1981	152	68	1,112	244	313	716
1980	151	64	1,088	255	318	705
1979	154	48	1,067	256	307	721
1978	138	56	1,003	260	301	696
1977	133	60	970	257	287	661
1976	118	61	966	255	284	646
1975	124	53	939	252	266	653

Table 8.17 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Adminis-tration	Unclas-sified	Total	% of Canada
			'000's			
Total						
1985	267	1,480	310	28	4,787	37.9
1984	283	1,417	299	32	4,666	37.6
1983	262	1,414	287	32	4,570	37.5
1982	261	1,337	288	26	4,508	37.7
1981	254	1,296	283	26	4,464	37.5
1980	259	1,208	278	25	4,350	37.6
1979	244	1,184	262	28	4,271	38.0
1978	240	1,132	278	28	4,133	37.9
1977	229	1,096	271	22	3,986	38.0
1976	224	1,035	274	20	3,882	38.0
1975	215	1,019	269	30	3,818	38.3

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Note: See Table 8.16, note 1.

Table 8.18 Labour Force by Industry, Ontario and Other Regions of Canada, Census Years, 1971 and 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Agriculture						
1981	141.6	23.0	76.8	239.9	481.3	29.4
1971	129.9	20.8	73.0	257.5	481.2	27.0
Forestry						
1981	14.4	18.2	24.1	44.1	100.8	14.3
1971	8.5	12.4	21.9	31.6	74.4	11.4
Fishing & Trapping						
1981	2.4	23.5	2.5	8.5	36.9	6.6
1971	1.4	17.1	1.9	5.1	25.4	5.6
Mines (incl. milling), Quarries & Oil Wells						
Metal Mines						
1981	30.9	7.5	17.2	23.2	78.8	39.2
1971	31.3	5.9	13.4	17.4	68.1	46.0
Mineral Fuels						
1981	2.0	5.2	0.5	53.9	61.6	3.2
1971	1.0	5.1	0.5	22.5	29.1	3.4
Non-metal Mines (Except Coal)						
1981	1.4	2.4	8.3	6.8	18.9	7.4
1971	1.5	2.2	7.7	4.6	16.0	9.4
Quarries & Sand Pits						
1981	3.7	0.6	2.2	2.7	9.2	40.6
1971	2.9	0.4	1.9	1.5	6.8	43.4
Incidental Services						
1981	3.9	1.5	2.1	34.1	41.5	9.4
1971	3.8	0.7	1.8	12.8	19.2	19.9
Total						
1981	41.9	17.1	30.3	120.7	210.0	19.9
1971	40.5	14.3	25.3	58.8	139.0	29.2
Manufacturing						
Food & Beverage						
1981	101.0	65.7	75.8	63.5	306.1	33.0
1971	86.8	39.1	61.1	55.5	242.4	35.8
Tobacco Products						
1981	3.2	0.1	4.6	0.3	8.3	39.1
1971	3.3	0.1	5.3	0.3	9.0	36.6
Rubber & Plastic Products						
1981	40.9	4.9	17.5	5.8	69.1	59.3
1971	28.8	0.8	12.6	2.8	45.0	64.0
Leather						
1981	16.8	0.4	13.2	1.7	32.1	52.3
1971	13.4	0.3	13.6	1.4	28.7	46.7
Textile						
1981	35.2	2.6	38.7	4.6	80.9	43.5
1971	28.6	1.7	35.5	3.0	68.8	41.6
Knitting Mills						
1981	7.5	1.3	12.1	1.0	21.9	34.3
1971	6.4	1.2	9.8	0.8	18.3	35.1
Clothing						
1981	30.1	0.7	79.5	14.9	125.2	24.0
1971	21.2	0.6	61.7	11.2	94.7	22.4

Table 8.18 (cont'd.)

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Manufacturing (cont'd.)						
Wood						
1981	28.7	11.0	38.6	72.5	150.8	19.1
1971	17.5	8.2	22.2	52.7	100.6	17.4
Furniture & Fixture						
1981	31.7	1.9	24.3	11.2	69.1	45.9
1971	20.0	0.9	16.5	6.8	44.2	45.3
Paper & Allied						
1981	51.4	15.1	49.9	30.0	146.5	35.1
1971	45.4	13.9	42.0	22.5	123.8	36.6
Printing, Publishing & Allied						
1981	65.0	5.3	36.1	30.0	136.4	47.6
1971	51.3	4.1	25.7	22.4	103.5	49.6
Primary Metal						
1981	81.0	4.6	34.5	17.9	138.1	58.7
1971	70.9	4.7	26.6	14.8	117.0	60.6
Metal Fabricating (Except Machinery & Transportation Equipment)						
1981	106.9	5.0	42.0	36.6	190.5	56.1
1971	78.4	4.2	30.5	22.9	135.9	57.7
Machinery (Except Electrical)						
1981	71.3	1.8	24.1	24.4	121.6	58.6
1971	52.9	1.2	14.0	9.7	77.7	68.0
Transportation Equipment						
1981	129.8	11.1	41.2	26.3	208.4	62.3
1971	103.9	7.5	33.0	19.8	164.2	63.3
Electrical Products						
1981	87.4	2.5	33.5	10.4	133.9	65.3
1971	74.7	2.7	31.9	7.7	117.0	63.8
Non-metallic Mineral Products						
1981	30.4	3.4	18.5	17.3	69.6	43.6
1971	28.3	2.6	13.7	11.3	55.9	50.6
Petroleum & Coal Products						
1981	10.7	2.2	6.7	6.9	26.5	40.3
1971	8.0	1.2	5.3	5.2	19.7	40.3
Chemical & Chemical Products						
1981	54.1	3.1	28.4	14.7	100.3	53.9
1971	42.0	2.8	24.9	9.0	78.7	53.3
Miscellaneous						
1981	48.6	2.3	22.6	10.7	84.3	57.7
1971	37.7	1.6	16.1	6.9	62.2	60.5
Total						
1981	1,031.9	145.0	642.0	400.4	2,219.4	46.5
1971	819.3	99.5	501.8	286.7	1,707.3	48.0
Construction						
General Contractors						
1981	87.6	32.3	60.6	129.5	309.9	28.3
1971	95.2	32.7	52.8	84.3	265.0	35.9
Special-trade Contractors						
1981	158.5	33.9	89.3	160.9	442.5	35.8
1971	110.6	22.5	66.8	73.3	273.3	40.5
Total						
1981	246.1	66.1	149.9	290.3	752.4	32.7
1971	205.8	55.2	119.6	157.6	538.2	38.2

Table 8.18 (cont'd.)

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Transportation, Communication & Other Utilities						
Transportation						
1981	165.4	47.3	135.6	186.6	534.8	30.9
1971	124.6	42.4	107.8	129.0	403.7	30.9
Storage						
1981	6.7	1.0	2.8	11.7	22.2	30.3
1971	4.6	0.6	2.2	8.9	16.3	28.0
Communication						
1981	86.2	19.8	66.3	76.0	248.2	34.7
1971	57.1	14.9	41.4	49.8	163.2	35.0
Electric Power, Gas & Water Utilities						
1981	53.0	10.7	29.9	36.7	130.3	40.7
1971	35.8	8.2	20.4	23.5	87.9	40.7
Total						
1981	311.4	78.7	234.5	311.0	935.6	33.3
1971	222.0	66.0	171.8	211.2	671.1	33.1
Trade						
Wholesale						
1981	211.7	40.1	131.0	175.7	558.5	37.9
1971	134.8	27.5	78.9	107.6	348.8	38.7
Retail						
1981	518.5	116.7	341.1	422.7	1,399.1	37.1
1971	362.7	79.4	215.7	262.6	920.5	39.4
Total						
1981	730.2	156.8	472.1	598.4	1,957.6	37.3
1971	497.6	107.0	294.6	370.2	1,269.3	39.2
Finance, Insurance & Real Estate						
Finance						
1981	126.3	18.7	78.9	94.3	318.1	39.7
1971	75.7	10.5	48.8	50.1	185.2	40.9
Insurance Carriers						
1981	47.5	5.2	26.7	23.0	102.3	46.4
1971	34.9	3.3	19.1	13.5	70.8	49.3
Insurance Agencies & Real Estate						
1981	81.2	10.7	40.8	68.0	200.7	40.4
1971	44.9	4.5	22.6	30.1	102.1	44.0
Total						
1981	254.9	34.5	146.3	185.3	621.1	41.0
1971	155.5	18.3	90.6	93.7	358.1	43.4
Community, Business & Personal Service						
Education & Related						
1981	274.4	68.5	206.5	219.1	768.4	35.7
1971	217.5	48.1	150.9	152.9	569.5	38.2
Health & Welfare						
1981	294.6	74.6	232.6	249.3	851.2	34.6
1971	195.0	42.8	129.7	145.7	513.1	38.0

Table 8.18 (cont'd.)

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Community, Business & Personal Service (cont'd.)						
Religious Organizations						
1981	18.9	6.1	21.7	14.6	61.2	30.8
1971	15.0	4.8	17.1	10.3	47.2	31.8
Amusement & Recreation						
1981	59.4	8.1	34.7	34.3	136.5	43.5
1971	32.6	4.1	17.1	21.2	75.1	43.4
Business Management						
1981	203.6	21.5	105.9	149.7	480.7	42.4
1971	92.4	10.0	51.6	54.7	208.8	44.3
Personal						
1981	70.4	16.3	50.6	46.0	183.3	38.4
1971	66.9	16.7	48.3	46.6	178.5	37.5
Accommodation & Food						
1981	244.0	48.9	161.5	212.4	666.8	36.6
1971	120.8	23.9	81.5	105.3	331.5	36.4
Miscellaneous						
1981	91.3	17.7	62.8	79.5	251.3	36.3
1971	47.0	7.8	25.4	37.6	117.8	39.9
Total						
1981	1,256.7	261.7	876.3	1,004.8	3,399.4	37.0
1971	787.3	158.3	521.5	574.4	2,041.4	38.6
Public Administration & Defence						
Federal						
1981	148.6	56.6	81.2	99.4	385.8	38.5
1971	129.9	52.3	57.4	89.2	328.8	39.5
Provincial						
1981	69.1	26.5	75.5	90.2	261.3	26.4
1971	56.7	15.8	43.4	45.6	161.5	35.1
Local						
1981	85.7	14.8	60.1	77.2	237.8	36.0
1971	60.2	7.9	38.8	40.1	147.0	41.0
Other Government Offices						
1981	0.9	0.2	0.4	0.3	1.7	52.5
1971	0.7	1.0	0.5	0.2	2.3	28.7
Total						
1981	304.3	98.1	217.3	266.9	886.6	34.3
1971	247.5	77.0	140.0	175.2	639.6	38.7
Industry Unspecified Or Undefined						
1981	137.1	32.9	114.4	120.1	404.3	33.9
1971	239.1	55.0	207.2	180.6	681.9	35.1
All Industries						
1981	4,472.8	955.5	2,986.5	3,590.5	12,005.3	37.3
1971	3,354.4	701.0	2,169.2	2,402.5	8,626.9	38.9
Not Applicable						
1981	75.6	31.3	113.9	40.9	261.8	28.9
1971	56.5	14.1	73.7	42.2	186.4	30.3
Total						
1981	4,548.4	986.8	3,100.4	3,631.4	12,267.1	37.1
1971	3,410.8	715.0	2,242.8	2,444.6	8,813.3	38.7

Source: Statistics Canada, *Census of Canada, Labour Force–Industry Trends*, (92-925).

Notes: 1. Industry data for 1971 and 1981 are based on the 1970 Standard Industrial Classification.

2. Not Applicable applies to unemployed persons 15 years of age and over, who have never worked or who had worked only prior to January 1, 1970 or January 1, 1980, as applicable.

Table 8.19 Labour Force by Sex and Occupation, Ontario, Annual Averages, 1975 to 1985

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
			'000's			
Male						
1985	730	171	225	286	140	581
1984	681	172	237	276	143	587
1983	627	170	262	294	153	562
1982	602	169	264	276	145	610
1981	594	177	253	258	159	606
1980	557	166	249	257	160	606
1979	540	176	249	252	151	618
1978	539	172	255	251	139	571
1977	523	171	262	240	139	545
1976	519	172	261	225	130	532
1975	510	159	266	231	128	531

Table 8.19 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Unclassified	Total	% of Canada
			'000's			
Male						
1985	249	155	147	10	2,693	37.1
1984	249	143	141	11	2,640	36.8
1983	236	139	143	12	2,598	36.6
1982	232	142	136	9	2,584	36.8
1981	245	141	141	8	2,582	36.6
1980	252	147	132	8	2,534	36.5
1979	252	144	129	8	2,519	37.0
1978	254	149	129	9	2,469	37.1
1977	251	142	126	7	2,406	36.9
1976	255	136	124	6	2,360	37.1
1975	253	129	122	12	2,342	37.2

Table 8.19 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
			'000's			
Female						
1985	586	644	206	364	44	165
1984	541	633	199	352	42	173
1983	489	616	211	352	49	165
1982	467	628	201	340	46	163
1981	425	630	188	345	46	168
1980	400	615	190	312	48	174
1979	388	586	189	305	45	163
1978	367	586	167	286	41	147
1977	355	557	169	259	39	140
1976	337	554	163	234	32	142
1975	324	534	158	229	31	140

Table 8.19 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Unclassified	Total	% of Canada
			'000's			
Female						
1985	4	16	46	18	2,094	38.9
1984	5	14	46	21	2,026	38.7
1983	6	12	50	20	1,971	38.8
1982	4	12	46	17	1,924	39.1
1981	4	13	45	18	1,882	38.8
1980	...	13	44	17	1,816	39.2
1979	...	11	41	20	1,752	39.6
1978	...	7	41	19	1,664	39.3
1977	...	7	36	15	1,580	39.5
1976	...	7	38	13	1,522	39.7
1975	...	5	35	18	1,476	40.1

Table 8.19 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Total						
1985	1,316	815	430	651	184	746
1984	1,222	805	436	628	185	760
1983	1,116	786	473	646	203	728
1982	1,069	796	466	616	191	772
1981	1,019	808	441	603	205	774
1980	957	781	439	570	208	780
1979	929	763	438	557	196	781
1978	906	758	422	537	181	718
1977	878	728	431	500	179	685
1976	856	725	424	459	162	674
1975	834	694	424	461	159	671

Table 8.19 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Unclassified	Total	% of Canada
			'000's			
Total						
1985	253	171	193	28	4,787	37.9
1984	254	156	187	32	4,666	37.6
1983	242	151	193	32	4,570	37.5
1982	237	153	182	26	4,508	37.7
1981	249	153	186	26	4,464	37.5
1980	255	159	176	25	4,350	37.6
1979	255	155	169	28	4,271	38.0
1978	257	156	170	28	4,133	37.9
1977	254	149	162	22	3,986	38.0
1976	256	143	162	20	3,882	38.0
1975	254	135	157	30	3,818	38.3

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Note: See Table 8.16, note 1.

Table 8.20 Experienced Labour Force by Occupation and Sex, Ontario Compared to Canada, Census Years, 1971 and 1981

	Male		Female		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's	
Managerial, Administrative & Related						
1981	237.9	38.9	83.8	41.4	321.8	39.5
1971	131.7	42.0	25.4	43.5	157.1	42.2
Natural Sciences, Engineering & Mathematics						
1981	142.7	41.2	22.4	39.4	165.1	41.0
1971	97.3	44.8	7.7	45.0	105.0	44.8
Social Sciences & Related						
1981	34.4	38.4	39.5	39.9	73.9	39.2
1971	20.0	40.4	12.8	43.3	32.8	41.5
Religion						
1981	7.9	33.2	1.5	17.8	9.4	29.1
1971	6.4	32.4	0.8	21.3	7.2	30.7
Teaching & Related						
1981	71.0	35.8	101.5	34.9	172.5	35.3
1971	52.2	37.8	76.3	36.2	128.5	36.8
Medicine & Health						
1981	38.4	33.0	143.9	35.7	182.3	35.1
1971	30.6	36.5	93.7	38.6	124.4	38.1
Artistic, Literary, Recreational & Related						
1981	39.8	40.0	27.5	41.8	67.3	40.7
1971	24.2	41.4	9.9	45.1	34.1	42.4
Clerical & Related						
1981	196.3	40.2	669.1	39.3	865.4	39.5
1971	176.3	40.7	414.0	44.0	590.3	43.0
Sales						
1981	243.1	35.8	185.4	39.7	428.5	37.4
1971	217.7	38.3	102.8	41.5	320.5	39.3
Service						
1981	248.2	36.3	268.8	35.9	517.0	36.1
1971	190.3	36.5	165.7	37.0	355.9	36.7
Farming, Horticultural & Animal Husbandry						
1981	115.5	28.8	40.5	37.7	156.0	30.7
1971	110.1	27.2	32.6	30.6	142.8	27.9
Fishing, Hunting, Trapping & Related						
1981	1.2	3.3	0.2	7.6	1.4	3.5
1971	1.1	4.1	0.1	18.1	1.2	4.4
Forestry & Logging						
1981	11.0	14.4	1.5	29.7	12.5	15.3
1971	11.1	16.8	0.6	42.4	11.7	17.3
Mining & Quarrying Including Oil & Gas Field						
1981	18.4	25.0	0.4	21.8	18.8	24.9
1971	19.6	33.3	0.2	39.5	19.7	33.4
Processing						
1981	128.2	34.9	35.4	33.9	163.6	34.7
1971	99.4	36.1	23.8	40.0	123.2	36.8

Table 8.20 (cont'd.)

Year	Male Ontario	 % of Canada	Female Ontario	 % of Canada	Total Ontario	 % of Canada
	'000's		'000's		'000's	
Machining & Related						
1981	132.7	46.4	14.5	69.2	147.2	47.9
1971	117.6	51.8	9.9	72.6	127.6	52.9
Product Fabricating, Assembling & Repairing						
1981	288.9	41.1	101.7	44.8	390.6	42.0
1971	210.7	43.5	67.6	45.0	278.2	43.9
Construction Trades						
1981	239.9	31.8	4.9	31.9	244.8	31.8
1971	206.5	36.7	2.2	42.1	208.7	36.7
Transport Equipment Operating						
1981	139.3	32.6	12.6	42.6	152.0	33.2
1971	116.6	35.3	4.0	49.0	120.6	35.6
Materials Handling & Related n.e.c.						
1981	73.9	39.3	28.7	52.1	102.6	42.2
1971	62.3	37.7	21.8	53.8	84.0	40.8
Other Crafts & Equipment Operating						
1981	44.9	39.7	12.8	42.4	57.7	40.2
1971	39.8	41.7	6.3	46.8	46.1	42.4
Occupations Not Elsewhere Classified						
1981	63.7	43.2	16.6	53.5	80.4	45.0
1971	64.6	44.3	11.6	53.4	76.2	45.4
Occupations Not Stated						
1981	81.3	33.8	60.8	34.1	142.0	33.9
1971	145.7	34.9	112.9	35.4	258.7	35.1
All Occupations						
1981	2,598.7	36.3	1,874.1	38.6	4,472.8	37.3
1971	2,151.8	38.0	1,202.6	40.6	3,354.4	38.9

Source: Statistics Canada, *Census of Canada, Labour Force–Occupation Trends, (92-920).*

Notes: 1. Experienced labour force is derived by deleting from the total labour force unemployed persons 15 years of age and over who had never worked or who had worked only prior to January 1, 1980 and January 1, 1970 as applicable.

2. Data are presented according to the 1971 occupational classification, and using as far as possible the 1971 Census definition of the labour force.

Table 8.21 Labour Force by Occupation and Sex, Ontario Compared to Canada, 1981

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's	
Managerial, Administrative & Related						
Officials & Administrators, Government	18.8	35.7	5.4	35.5	24.2	35.6
Other Managers & Administrators	206.7	36.8	60.5	38.8	267.2	37.2
Related	76.3	41.6	41.0	45.1	117.4	42.8
Total	301.8	37.8	107.0	40.8	408.8	38.6
Natural Sciences, Engineering & Mathematics						
Physical Sciences	13.4	39.4	2.7	35.1	16.1	38.6
Life Sciences	5.5	26.1	2.3	29.3	7.8	26.9
Architects, Engineers, Community Planners	56.4	43.4	2.7	42.8	59.0	43.3
Other Architecture & Engineering	42.1	37.8	5.2	37.0	47.4	37.7
Mathematics, Statistics, Systems Analysis & Related	24.5	50.0	8.7	43.3	33.2	48.1
Total	141.9	41.1	21.6	38.6	163.5	40.7
Social Sciences & Related						
Social Sciences	7.0	40.9	4.9	45.8	11.9	42.8
Social Work & Related	9.3	33.5	21.6	39.1	30.8	37.2
Law & Jurisprudence	14.3	41.3	3.9	39.4	18.2	40.9
Library, Museum & Archival Sciences	2.0	35.0	6.8	36.0	8.8	35.8
Other	2.1	39.9	3.0	49.4	5.2	45.0
Total	34.8	38.4	40.1	39.9	74.8	39.2
Religion	8.2	32.8	2.0	19.0	10.2	28.7
Teaching & Related						
University & Related	12.8	39.5	5.2	37.8	18.0	39.0
Elementary & Secondary School & Related	44.0	36.3	78.6	34.4	122.5	35.1
Other	15.3	31.6	19.8	34.6	35.2	33.2
Total	72.1	35.7	103.6	34.6	175.7	35.0
Medicine & Health						
Health Diagnosing & Treating	18.4	36.6	4.1	38.0	22.6	36.9
Nursing, Therapy & Related Assisting	9.9	25.4	115.2	35.2	125.1	34.2
Other	10.9	37.0	28.0	36.5	38.9	36.7
Total	39.2	33.1	147.4	35.5	186.6	35.0
Artistic, Literary, Recreational & Related						
Fine & Commercial Art, Photography & Related	13.4	39.9	10.2	40.4	23.6	40.1
Performing & Audio-Visual Arts	11.1	39.4	4.6	41.6	15.7	40.0
Writing	8.7	43.5	7.4	44.1	16.0	43.8
Sports & Recreation	8.1	35.2	6.1	40.0	14.2	37.1
Total	41.3	39.4	28.2	41.4	69.5	40.2
Clerical & Related						
Stenographic & Typing	2.5	37.2	182.8	37.8	185.3	37.8
Bookkeeping, Account-Recording & Related	40.4	36.1	251.5	38.8	291.9	38.4
Office Machine, & Electronic Data Processing Operators	11.3	49.1	35.8	45.7	47.1	46.5

Table 8.21 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's	
Clerical & Related (cont'd.)						
Material Recording, Scheduling & Distributing	84.2	43.8	28.0	46.3	112.2	44.4
Library, File & Correspondence Clerks & Related	3.5	45.2	19.3	43.7	22.9	43.9
Reception, Information, Mail & Message Distribution	25.1	37.5	65.9	37.9	91.0	37.8
Other	32.0	35.9	99.4	39.0	131.5	38.2
Total	199.2	40.0	682.6	39.2	881.8	39.3
Sales						
Commodities	172.2	35.8	153.0	38.9	325.1	37.2
Services	42.3	40.5	20.4	43.5	62.7	41.4
Other	8.4	30.6	3.8	42.8	12.2	33.5
Total	222.9	36.3	177.2	39.4	400.1	37.6
Service						
Protective	77.5	33.5	11.2	34.9	88.7	33.6
Food & Beverage Preparation & Related	62.0	35.2	129.2	35.4	191.2	35.4
Lodging & Other Accommodation	8.3	44.8	16.8	37.6	25.1	39.7
Personal	12.2	40.9	49.1	34.2	61.3	35.4
Apparel & Furnishings	4.7	34.2	10.3	35.3	15.1	35.0
Other	79.8	38.7	52.3	37.4	132.1	38.2
Total	244.6	36.2	268.9	35.7	513.5	35.9
Farming, Horticultural & Animal Husbandry						
Farmers	48.6	23.4	8.3	42.7	56.9	25.1
Other	59.9	35.7	30.7	35.4	90.7	35.6
Total	108.5	28.9	39.0	36.7	147.5	30.6
Fishing, Trapping & Related	1.2	3.2	0.2	7.5	1.4	3.5
Forestry & Logging	11.2	14.3	1.4	27.9	12.6	15.2
Mining & Quarrying Including Oil & Gas Field	18.9	24.8	0.4	22.6	19.2	24.8
Processing						
Mineral Ore Treating	3.6	39.5	0.2	42.2	3.8	39.7
Metal Processing & Related	41.0	56.7	3.0	71.0	44.0	57.5
Clay, Glass & Stone Processing, Forming & Related	6.8	41.3	1.4	50.3	8.2	42.6
Chemicals, Petroleum, Rubber, Plastic & Related	17.6	46.5	4.2	56.1	21.8	48.1
Food, Beverage & Related	34.8	29.5	16.2	25.6	51.0	28.1
Wood, Except Pulp & Papermaking	6.4	12.5	1.1	29.9	7.5	13.7
Pulp & Papermaking & Related	12.4	27.3	1.0	38.4	13.4	27.9
Textile	6.8	29.1	8.3	39.9	15.0	34.2
Other	1.9	42.7	1.1	40.4	3.1	41.8
Total	131.2	34.8	36.5	33.7	167.7	34.5

Table 8.21 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's	
Machining & Related						
Metal	48.2	52.4	3.3	72.3	51.5	53.4
Metal Shaping & Forming Except Machining	71.5	43.9	8.6	74.9	80.0	45.9
Wood	3.8	27.5	0.7	49.6	4.5	29.5
Clay, Glass, Stone & Related Materials	3.5	40.5	0.9	49.6	4.4	42.1
Other	8.2	53.0	1.3	59.7	9.5	53.8
Total	135.2	46.2	14.8	69.1	150.0	47.7
Product Fabricating, Assembling & Repairing						
Metal Products, n.e.c.	51.4	63.2	11.8	76.4	63.2	65.3
Electrical, Electronic & Related	44.2	45.5	21.2	70.0	65.4	51.4
Wood Products	12.8	31.4	2.7	51.1	15.6	33.7
Textile, Fur & Leather Products	16.7	35.8	48.5	32.6	65.2	33.4
Rubber, Plastic & Related Products	14.0	50.1	6.6	68.2	20.6	54.8
Mechanic & Repairers, n.e.c.	125.2	34.8	2.1	43.6	127.3	34.9
Other	30.5	45.5	11.9	57.6	42.5	48.3
Total	294.9	40.9	104.9	44.6	399.8	41.8
Construction Trades						
Excavating, Grading, Paving & Related	29.5	25.3	0.3	23.0	29.8	25.3
Electrical Power, Lighting & Wire, Communications Equipment Erecting, Installing & Repairing	45.4	33.5	1.7	40.2	47.2	33.7
Other	167.9	32.5	2.8	29.1	170.7	32.5
Total	242.8	31.6	4.8	31.7	247.6	31.6
Transport Equipment Operating						
Air	4.7	27.4	0.2	19.5	4.9	26.8
Railway	9.8	30.3	0.3	40.8	10.1	30.6
Water	3.6	17.9	0.1	28.0	3.8	18.1
Motor	122.2	33.6	12.1	43.7	134.4	34.3
Other	2.6	42.1	0.1	55.1	2.7	42.6
Total	142.9	32.5	13.0	42.5	155.9	33.1
Material Handling & Related, n.e.c.	76.0	39.2	29.3	51.8	105.2	42.1
Other Crafts & Equipment Operating						
Printing & Related	22.0	44.6	10.2	43.6	32.2	44.3
Stationary Engine & Utilities Equipment & Related	18.1	35.2	0.3	31.8	18.5	35.1
Electronic & Related Communications Equipment n.e.c.	3.1	31.8	0.7	37.4	3.9	32.8
Other Crafts & Equipment, n.e.c.	2.4	46.6	1.9	38.9	4.3	43.0
Total	45.7	39.4	13.1	42.1	58.8	40.0
Occupations n.e.c.	55.0	42.0	14.9	58.3	69.9	44.7
All Occupations	2,569.4	36.3	1,850.7	38.6	4,420.0	37.2
Occupation Not Applicable	16.4	21.8	27.6	27.1	44.0	24.9
Total	2,585.7	36.1	1,878.3	38.3	4,464.0	37.0

Source: Statistics Canada, *Census of Canada, Labour Force–Occupation by Demographic and Educational Characteristics, (92-917).*

Note: See Table 8.14, note 2.

Table 8.22 Labour Force by Occupation, Sex and Industry, Ontario, 1981

	Primary	Manu-facturing	Con-struction	Trans-portation, Commu-nication & Other Utilities	Trade	Finance, Insurance & Real Estate	Com-munity, Business & Personal Service	Public Adminis-tration & Defence	All Industries
					'000's				
Male									
Managerial, Administrative & Related	10.2	70.4	15.0	17.3	55.1	31.0	63.4	39.4	301.8
Natural Sciences, Engineering & Mathematics	5.1	49.3	5.0	13.6	5.2	4.7	38.3	20.6	141.9
Social Sciences & Related	0.1	1.2	--	0.5	0.5	0.8	23.9	7.8	34.8
Religion	--	--	-	-	--	-	8.1	0.1	8.2
Teaching & Related	0.1	0.6	--	0.8	0.4	0.1	68.2	1.8	72.1
Medicine & Health	1.1	1.9	-	1.0	3.5	0.1	30.2	1.5	39.2
Artistic, Literary, Recreational & Related	0.1	6.6	0.2	5.1	1.7	0.2	24.7	2.6	41.3
Clerical & Related	1.8	55.6	3.2	33.5	46.4	14.1	23.7	20.9	199.2
Sales	0.8	30.1	2.6	3.6	137.2	36.9	11.4	0.4	222.9
Service	1.3	13.9	1.7	6.2	9.2	7.1	143.0	62.2	244.6
Farming, Horticultural & Animal Husbandry	85.3	0.7	7.3	0.6	1.1	0.7	7.6	5.1	108.5
Fishing, Trapping & Related	1.1	0.1	-	-	--	-	--	--	1.3
Forestry & Logging	7.7	2.2	0.2	0.3	0.1	--	0.1	0.6	11.2
Mining & Quarrying Including Oil & Gas Field	16.2	1.4	0.8	0.1	0.1	--	0.1	0.1	18.9
Processing	2.7	111.7	1.4	0.8	11.8	0.2	2.3	0.4	131.2
Machining & Related	1.5	110.5	8.5	2.5	5.9	0.2	5.6	0.6	135.2
Product Fabricating, Assembling & Repairing	5.2	167.1	9.2	17.7	76.3	0.8	13.8	4.8	294.9
Construction Trades	3.4	22.9	156.4	34.5	6.5	1.8	8.9	8.5	242.8
Transport Equipment Operating	3.5	18.5	6.8	75.4	21.7	0.4	11.2	5.3	142.9
Material Handling & Related n.e.c.	2.1	38.9	2.6	12.8	15.9	0.2	2.2	1.3	76.0
Other Crafts & Equipment Operating	0.6	25.6	0.5	8.0	1.3	0.7	6.1	2.9	45.7
Occupations Not Elsewhere Classified	1.0	22.4	3.4	4.1	6.0	1.6	11.0	5.7	55.0
Total	151.0	751.4	224.7	238.6	405.9	101.5	503.7	192.6	2,569.4

Table 8.22 (cont'd.)

	Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade	Finance, Insurance & Real Estate	Community, Business & Personal Service	Public Administration & Defence	All Industries
					'000's				
Female									
Managerial, Administrative & Related	2.4	12.4	1.7	5.1	18.8	18.7	33.6	14.1	107.0
Natural Sciences, Engineering & Mathematics	0.7	5.4	0.3	1.5	1.0	2.0	6.9	3.8	21.6
Social Sciences & Related	0.1	0.5	0.1	0.3	0.3	0.5	31.8	6.5	40.0
Religion	–	–	–	––	––	–	2.0	––	2.0
Teaching & Related	––	0.4	––	0.3	0.6	0.2	100.8	1.3	103.6
Medicine & Health	1.1	2.0	––	0.2	4.0	0.2	137.0	2.9	147.4
Artistic, Literary, Recreational & Related	0.1	4.0	0.1	1.8	3.3	0.5	15.9	2.6	28.2
Clerical & Related	6.8	92.0	17.4	54.6	140.9	112.3	186.1	72.5	682.6
Sales	0.8	8.4	0.7	1.7	135.7	17.9	11.3	0.6	177.2
Service	0.7	4.4	1.0	3.6	10.2	5.6	232.4	11.1	268.9
Farming, Horticultural & Animal Husbandry	35.1	0.2	0.7	0.1	0.8	0.1	1.3	0.8	39.0
Fishing, Trapping & Related	0.1	0.1	–	–	––	–	–	––	0.2
Forestry & Logging	1.2	0.1	–	––	––	––	––	0.2	1.4
Mining & Quarrying Including Oil & Gas Field	0.3	0.1	––	–	–	–	–	––	0.4
Processing	0.6	30.8	0.1	0.1	3.1	––	1.7	0.1	36.5
Machining & Related	––	13.6	0.1	––	0.6	––	0.4	––	14.8
Product Fabricating, Assembling & Repairing	0.1	90.1	0.3	0.3	9.0	0.2	4.6	0.2	104.9
Construction Trades	0.1	1.1	2.1	0.8	0.4	0.1	0.2	0.2	4.8
Transport Equipment Operating	0.2	0.5	0.2	8.9	1.0	0.1	1.9	0.3	13.0
Material Handling & Related n.e.c.	0.3	20.4	0.1	0.6	6.3	––	1.4	0.1	29.3
Other Crafts & Equipment Operating	––	8.8	––	0.6	0.6	0.1	2.5	0.6	13.1
Occupations Not Elsewhere Classified	0.2	9.1	0.2	0.3	1.2	0.3	2.7	1.1	14.9
Total	50.9	304.1	24.9	80.6	337.8	159.0	774.5	118.9	1,850.7

Table 8.22 (cont'd.)

	Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade	Finance, Insurance & Real Estate	Community, Business & Personal Service	Public Administration & Defence	All Industries
					'000's				
Total									
Managerial, Administrative & Related	12.7	82.7	16.7	22.4	73.9	49.8	97.0	53.5	408.8
Natural Sciences, Engineering & Mathematics	5.8	54.8	5.3	15.1	6.2	6.7	45.2	24.4	163.5
Social Sciences & Related	0.2	1.7	0.1	0.8	0.8	1.3	55.7	14.3	74.8
Religion	--	--	-	--	--	-	10.1	0.1	10.2
Teaching & Related	0.2	1.0	0.1	1.1	1.0	0.3	169.0	3.0	175.7
Medicine & Health	2.2	3.9	--	1.1	7.4	0.3	167.2	4.4	186.6
Artistic, Literary, Recreational & Related	0.2	10.6	0.2	6.9	5.0	0.8	40.6	5.3	69.5
Clerical & Related	8.5	147.7	20.6	88.1	187.3	126.4	209.8	93.4	881.8
Sales	1.6	38.5	3.2	5.3	272.9	54.8	22.7	1.0	400.1
Service	2.0	18.3	2.6	9.8	19.4	12.7	375.3	73.3	513.5
Farming, Horticultural & Animal Husbandry	120.4	0.8	8.0	0.6	1.9	0.7	9.0	6.0	147.5
Fishing, Trapping & Related	1.2	0.1	-	-	0.1	-	--	--	1.4
Forestry & Logging	8.9	2.3	0.2	0.3	0.1	--	0.1	0.8	12.6
Mining & Quarrying Including Oil & Gas Field	16.5	1.5	0.9	0.1	0.1	--	0.1	0.1	19.2
Processing	3.4	142.5	1.4	0.9	14.9	0.2	3.9	0.5	167.7
Machining & Related	1.5	124.0	8.6	2.5	6.5	0.2	6.0	0.6	150.0
Product Fabricating, Assembling & Repairing	5.3	257.2	9.4	18.0	85.4	1.0	18.3	5.0	399.8
Construction Trades	3.4	23.9	158.4	35.3	6.8	1.9	9.2	8.6	247.7
Transport Equipment Operating	3.7	19.0	7.0	84.3	22.7	0.4	13.1	5.7	155.9
Material Handling & Related n.e.c.	2.5	59.3	2.7	13.4	22.2	0.3	3.6	1.4	105.3
Other Crafts & Equipment Operating	0.6	34.4	0.5	8.6	1.8	0.9	8.6	3.4	58.8
Occupations Not Elsewhere Classified	1.2	31.4	3.6	4.3	7.1	1.9	13.7	6.7	69.9
Total	201.8	1,055.6	249.6	319.1	743.7	260.6	1,278.1	311.5	4,420.0

Source: Statistics Canada, *Census of Canada, Labour Force–Industry by Occupation, (92-923).*

Notes: 1. Industry data for 1981 are based on the 1970 Standard Industrial Classification. Occupation data for 1981 are based on the 1980 Standard Occupational Classification.

2. Excludes unemployed persons 15 years of age and over, who have never worked or who had worked only prior to January 1, 1980.

3. Occupation major groups and industry division totals include computer assignment of the not stated and the unspecified or undefined. These assignments are based on selected socio-economic characteristics.

Table 8.23 Labour Force by Highest Educational Attainment, Ontario and Other Regions of Canada, Annual Averages, 1975 to 1985

Year	0 – 8 Years	High School	Some Post-secondary	Post-secondary Certificate or Diploma	University Degree	Total
				'000's		
1985						
Ontario	529	2,426	519	633	680	4,787
Atlantic	150	490	88	138	109	978
Quebec	517	1,538	257	489	381	3,181
West	310	1,989	418	502	477	3,694
Canada	1,506	6,444	1,282	1,760	1,648	12,639
Ontario % of Canada	35.1	37.6	40.5	36.0	41.3	37.9
Ontario						
1984	556	2,377	501	590	642	4,666
1983	597	2,319	468	576	609	4,570
1982	607	2,386	429	533	553	4,508
1981	663	2,372	404	497	528	4,464
1980	648	2,372	387	462	481	4,350
1979	669	2,350	369	424	459	4,271
1978	650	2,166	428	442	446	4,133
1977	644	2,059	424	429	430	3,986
1976	663	1,970	421	428	400	3,882
1975	708	1,874	383	476	378	3,818

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Note: High School includes persons who have either completed their secondary education or had at least some secondary education, but who have not had any post-secondary education.

Table 8.24 **Labour Force by Highest Level of Schooling, Sex and Age, Ontario, 1981**

	15 – 24	25 – 44	45 – 64	65 +	Total
			'000's		
Male					
Less than Grade 9	16.1	107.8	199.1	22.3	345.3
Grades 9 – 13 Without Certificate/Diploma	226.9	249.4	172.6	14.6	663.5
Grades 9 – 13 With High School Certificate/Diploma	115.2	130.5	52.1	4.5	302.3
Trades Certificate/Diploma	34.7	187.4	132.7	7.0	361.8
Some University or Other Non-university Without Certificate/Diploma	109.4	141.1	52.3	4.8	307.7
University or Other Non-university With Certificate/Diploma	37.5	166.5	65.3	4.0	273.4
University Degree	24.4	222.5	77.7	7.1	331.7
Total	564.2	1,205.2	751.9	64.5	2,585.8
Female					
Less than Grade 9	9.3	72.4	96.4	8.5	186.6
Grades 9 – 13 Without Certificate/Diploma	163.6	194.7	133.0	7.7	499.0
Grades 9 – 13 With High School Certificate/Diploma	124.9	144.7	54.9	3.0	327.5
Trades Certificate/Diploma	24.3	71.3	36.1	1.9	133.6
Some University or Other Non-university Without Certificate/Diploma	93.7	96.7	41.9	3.1	235.4
University or Other Non-university With Certificate/Diploma	63.2	181.1	63.9	3.5	311.6
University Degree	28.4	129.7	24.7	1.7	184.5
Total	507.4	890.6	451.0	29.3	1,878.3
Total					
Less than Grade 9	25.4	180.2	295.5	30.8	532.0
Grades 9 – 13 Without Certificate/Diploma	390.5	444.1	305.7	22.3	1,162.5
Grades 9 – 13 With High School Certificate/Diploma	240.1	275.2	107.1	7.5	629.8
Trades Certificate/Diploma	59.0	258.7	168.8	8.9	495.4
Some University or Other Non-university Without Certificate/Diploma	203.2	237.8	94.3	7.9	543.2
University or Other Non-university With Certificate/Diploma	100.6	347.6	129.2	7.5	585.0
University Degree	52.9	352.2	102.4	8.8	516.3
Total	1,071.7	2,095.7	1,202.9	93.8	4,464.1

Source: Statistics Canada, *Census of Canada, Labour Force Activity*, (92-915).

Notes: 1. Less than Grade 9 includes no schooling or kindergarten only, does not include persons with any certificate or diploma.
2. Trades Certificate/Diploma includes some persons with other non-university but without other non-university certificate or diploma.
3. University or Other Non-university With Certificate/Diploma is below bachelor level.

Table 8.25 Youth Labour Force by Sex, Age and School Attendance, Ontario, 1975 to 1985

	In School Full-time			Not In School Full-time & All Others			Labour Force		
Year	15 – 19	20 – 24	Total	15 – 19	20 – 24	Total	15 – 19	20 – 24	Total
					'000's				
Male									
1985	100	26	126	106	334	440	206	360	566
1984	96	25	121	117	326	443	213	351	564
1983	95	24	119	121	321	441	216	345	560
1982	91	20	111	137	317	454	228	337	565
1981	100	18	118	149	318	467	249	336	585
1980	92	14	106	158	313	472	250	327	578
1979	93	17	110	159	311	470	252	328	580
1978	86	15	100	154	307	462	240	322	562
1977	81	14	96	144	302	445	225	316	541
1976	82	18	100	133	287	420	215	305	520
1975	95	20	115	131	278	409	226	298	524
Female									
1985	100	26	126	100	294	394	200	320	520
1984	97	24	121	104	297	401	201	321	522
1983	92	18	110	114	293	407	206	311	517
1982	93	15	108	123	288	411	216	303	519
1981	93	14	107	134	284	418	227	298	525
1980	90	13	103	138	284	422	228	297	525
1979	89	11	100	138	276	414	227	287	514
1978	80	12	92	130	267	397	210	279	489
1977	75	16	91	126	257	383	201	273	474
1976	77	13	90	123	248	371	200	261	461
1975	80	13	92	119	238	358	199	251	450
Total									
1985	201	52	253	205	627	832	406	679	1,085
1984	193	48	242	221	624	844	414	672	1,086
1983	187	42	229	235	614	849	422	656	1,078
1982	184	34	219	260	605	865	444	639	1,084
1981	193	32	225	283	602	885	476	634	1,110
1980	182	27	209	296	597	893	478	624	1,102
1979	182	28	210	297	587	884	479	615	1,094
1978	165	27	192	285	574	859	450	601	1,051
1977	156	30	187	270	560	828	426	590	1,015
1976	160	30	190	255	536	791	415	566	981
1975	174	33	207	251	517	767	425	550	974

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Ontario Manpower Commission.

Note: Not In School Full-time & All Others is not published by Statistics Canada, derived from published data.

Table 8.26 **Labour Force, Employed, Unemployed and Unemployment Rate, Ontario, Selected Years, Annual Averages, 1946 to 1985**

Year	Employed	Unemployed	Labour Force	Unemployment Rate
		'000's		%
1985				
Ontario	4,402	385	4,787	8.0
Atlantic	822	156	978	16.0
Quebec	2,804	376	3,181	11.8
West	3,283	412	3,694	11.2
Canada	11,311	1,328	12,639	10.5
Ontario % of Canada	38.9	29.0	37.9	. . .
Ontario				
1984	4,243	423	4,666	9.1
1983	4,096	474	4,570	10.4
1982	4,067	440	4,508	9.8
1981	4,171	293	4,464	6.6
1980	4,053	297	4,350	6.8
1979	3,993	278	4,271	6.5
1978	3,835	298	4,133	7.2
1977	3,708	278	3,986	7.0
1976	3,643	239	3,882	6.2
1975	3,576	242	3,818	6.3
1974	3,523	164	3,686	4.4
1973	3,380	152	3,532	4.3
1972	3,239	171	3,410	5.0
1971	3,113	178	3,290	5.4
1966	2,714	72	2,787	2.6
1961	2,269	132	2,401	5.5
1956	2,096	51	2,147	2.4
1951	1,838	32	1,870	1.7
1946	1,654	48	1,702	2.8

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Historical Labour Force Statistics, (71-201).
Special tabulations.

Note: West does not include Yukon and Northwest Territories as they are not covered in the Labour Force Survey.

Table 8.27 Employment/Population Ratio, Ontario and Other Regions of Canada, Selected Years, Annual Averages, 1946 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada
			percent		
1985	62.5	47.9	54.8	59.7	58.4
1984	61.3	47.8	53.6	59.1	57.4
1983	60.2	47.4	52.4	59.3	56.7
1982	60.7	47.3	51.7	60.4	57.0
1981	63.2	49.5	55.1	63.5	59.9
1980	62.2	49.7	55.2	62.7	59.3
1979	62.2	48.8	54.5	61.5	58.7
1978	60.7	47.9	53.4	60.4	57.5
1977	59.8	46.9	52.9	59.3	56.6
1976	59.9	47.6	53.3	59.1	56.7
1975	60.1	48.2	53.8	58.6	56.9
1974	60.6	49.0	54.2	58.9	57.3
1973	59.7	48.3	53.7	57.5	56.4
1972	58.6	46.6	51.7	56.2	54.9
1971	57.6	46.3	51.9	55.8	54.5
1966	58.2	47.7	53.7	55.9	55.4
1961	53.5	42.8	48.0	51.1	50.2
1956	55.6	43.9	50.5	50.9	51.7
1951	54.8	46.6	52.3	51.6	52.4
1946	54.2	. .	51.5	. .	53.1

Sources: Statistics Canada, *The Labour Force*, (71-001).
Historical Labour Force Statistics, (71-201).
Special tabulations.

Note: Atlantic and West derived from Statistics Canada data. West does not include Yukon and Northwest Territories as they are not covered in the Labour Force Survey.

Table 8.28 Employed by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1985

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
				'000's		
Male						
1985	169	313	1,245	713	49	2,489
1984	172	300	1,192	698	49	2,411
1983	168	278	1,137	695	49	2,328
1982	177	277	1,124	701	53	2,332
1981	209	297	1,149	718	54	2,428
1980	208	296	1,118	703	52	2,377
1979	214	297	1,109	705	53	2,379
1978	198	289	1,084	694	53	2,318
1977	190	281	1,060	684	50	2,264
1976	183	278	1,044	683	51	2,239
1975	193	271	1,021	675	55	2,215
1974	183	274	1,015	674	49	2,195
1973	171	260	982	664	51	2,129
1972	150	255	953	648	54	2,059
1971	133	246	927	632	55	1,992
1966	124	197	855	578	68	1,823
1961	92	150	792	505	68	1,608
1956	97	150	755	463	78	1,543
1951	. .	. .	. .	. .	. .	1,402
1946	. .	. .	. .	. .	. .	1,246
Female						
1985	173	287	965	465	23	1,914
1984	170	282	925	434	21	1,832
1983	171	268	886	423	20	1,768
1982	179	263	848	421	23	1,735
1981	194	273	829	423	25	1,744
1980	194	268	781	414	19	1,676
1979	193	260	732	409	20	1,615
1978	177	250	689	383	19	1,517
1977	170	242	642	372	17	1,444
1976	171	239	612	363	19	1,403
1975	171	229	600	340	20	1,360
1974	158	220	524	330	15	1,247
1973	142	204	490	324	15	1,176
1972	131	199	464	299	17	1,109
1971	123	192	426	294	19	1,053
1966	100	135	346	238	18	837
1961	80	94	284	185	18	662
1956	79	93	240	128	15	553
1951	. .	. .	. .	. .	. .	436
1946	. .	. .	. .	. .	. .	408

Table 8.28 (cont'd.)

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			'000's			
Total						
1985	342	600	2,210	1,178	72	4,402
1984	342	582	2,117	1,132	70	4,243
1983	339	546	2,023	1,118	69	4,096
1982	356	541	1,972	1,122	76	4,067
1981	403	570	1,978	1,141	79	4,171
1980	402	563	1,899	1,117	72	4,053
1979	408	557	1,841	1,114	73	3,993
1978	374	540	1,773	1,077	71	3,835
1977	359	524	1,702	1,055	67	3,708
1976	354	517	1,656	1,046	70	3,643
1975	364	500	1,621	1,015	75	3,576
1974	342	493	1,540	1,004	64	3,443
1973	313	464	1,472	988	66	3,305
1972	281	453	1,416	947	71	3,168
1971	255	437	1,353	926	74	3,045
1966	224	332	1,201	817	87	2,660
1961	172	244	1,076	691	86	2,269
1956	176	242	995	591	92	2,096
1951	..	..	..	..	..	1,538
1946	..	..	..	..	..	1,654

Sources: Statistics Canada, *The Labour Force, (71-001).*
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes: 1. Prior to 1966, the 15 – 19 age group was 14 – 19 years.
2. Data are unrevised for 1966 to 1975. Therefore, the totals may not be the same as in Table 8.26 for this period.

Table 8.29 Employed by Sex and Type of Worker, Ontario, Selected Years, Annual Averages, 1966 to 1985

Year	Paid Workers	Employers	Own Account Workers	Unpaid Family Workers	Total
			'000's		
Male					
1985	2,242	99	142	5	2,489
1984	2,175	87	142	7	2,411
1983	2,099	93	129	7	2,328
1982	2,105	93	128	7	2,332
1981	2,203	82	135	7	2,428
1980	2,151	81	138	7	2,377
1979	2,145	90	134	9	2,379
1978	2,087	89	133	8	2,318
1977	2,045	91	121	8	2,264
1976	2,034	85	115	6	2,239
1975	2,013	83	113	7	2,215
1974	1,947	118	117	13	2,195
1973	1,881	116	120	12	2,129
1972	1,815	121	111	11	2,059
1971	1,744	117	116	15	1,992
1966	1,571	115	122	15	1,823
Female					
1985	1,761	26	106	20	1,914
1984	1,685	24	103	20	1,832
1983	1,629	24	92	23	1,768
1982	1,602	23	86	25	1,735
1981	1,604	19	91	29	1,744
1980	1,540	20	88	28	1,676
1979	1,476	18	87	34	1,615
1978	1,386	18	80	33	1,517
1977	1,328	17	70	29	1,444
1976	1,308	12	56	28	1,403
1975	1,265	14	55	27	1,360
1974	1,180	15	24	28	1,247
1973	1,117	11	18	29	1,176
1972	1,049	14	18	28	1,109
1971	991	12	19	31	1,053
1966	778	10	18	31	837
Total					
1985	4,003	126	248	26	4,402
1984	3,860	111	245	27	4,243
1983	3,727	117	221	30	4,096
1982	3,707	116	214	32	4,067
1981	3,807	101	226	37	4,171
1980	3,691	100	226	35	4,053
1979	3,621	108	221	44	3,993
1978	3,473	107	213	41	3,835
1977	3,372	108	191	37	3,708
1976	3,341	96	171	34	3,643
1975	3,278	96	169	34	3,576
1974	3,127	133	141	42	3,443
1973	2,998	128	138	41	3,305
1972	2,864	135	129	39	3,168
1971	2,735	129	134	47	3,045
1966	2,349	125	140	46	2,660

Sources: Statistics Canada, *The Labour Force, (71-001).*
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes:
1. Paid Workers includes self-employed in an incorporated business.
2. Own Account Workers includes self-employed persons with an unincorporated business or no business with no paid help.
3. See Table 8.28, note 2.

Table 8.30 Full-Time and Part-Time Employment by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1985

	Full-time		Part-time		Total	
Year	Male	Female	Male	Female	Male	Female
			'000's			
Married						
1985	1,679	858	41	296	1,720	1,154
1984	1,644	850	42	283	1,686	1,133
1983	1,612	806	44	277	1,656	1,083
1982	1,622	802	39	267	1,661	1,069
1981	1,665	802	33	264	1,698	1,065
1980	1,656	779	32	252	1,688	1,032
1979	1,668	753	32	240	1,699	993
1978	1,660	726	33	218	1,693	943
1977	1,635	680	28	211	1,663	891
1976	1,642	685	26	192	1,668	876
1975	1,631	665	26	187	1,657	852
1974	1,603	582	27	194	1,629	776
1973	1,565	545	28	180	1,593	725
1972	1,548	513	31	173	1,579	686
1971	1,499	482	30	167	1,529	648
1966	1,395	368	22	132	1,417	500
Not Married						
1985	620	551	149	208	769	759
1984	574	501	151	198	725	699
1983	525	496	146	188	672	685
1982	534	487	136	179	671	666
1981	591	508	139	170	730	678
1980	565	484	124	160	689	644
1979	556	467	123	155	679	622
1978	514	433	..	140	625	574
1977	494	423	..	130	601	553
1976	469	404	..	123	571	527
1975	453	397	..	112	558	509
1974	479	367	..	105	566	472
1973	455	355	..	97	536	450
1972	398	333	..	91	480	424
1971	384	317	78	87	463	404
1966	361	291	..	46	406	337

Table 8.30 (cont'd.)

Year	Full-time		Part-time		Total	
	Male	Female	Male	Female	Male	Female
			'000's			
Total						
1985	2,298	1,409	191	504	2,489	1,913
1984	2,218	1,351	193	481	2,411	1,832
1983	2,138	1,303	190	465	2,328	1,768
1982	2,156	1,288	176	447	2,332	1,735
1981	2,256	1,310	172	434	2,428	1,744
1980	2,222	1,263	155	413	2,377	1,676
1979	2,224	1,220	155	395	2,379	1,615
1978	2,174	1,159	144	358	2,318	1,517
1977	2,129	1,103	135	340	2,264	1,444
1976	2,110	1,089	129	314	2,239	1,403
1975	2,084	1,062	131	298	2,215	1,360
1974	2,081	949	114	299	2,195	1,247
1973	2,020	899	109	277	2,129	1,176
1972	1,947	845	112	264	2,059	1,109
1971	1,884	799	108	254	1,992	1,053
1966	1,757	659	66	178	1,823	837

Sources: Statistics Canada, *The Labour Force, (71-001).*
Labour Force Annual Averages, (71-529).
Historical Labour Force Statistics, (71-201)
Special tabulations.

Notes: 1. Full-time consists of persons who work 30 hours or more per week, plus those who usually work less than 30 hours but consider themselves to be employed full-time; Part-time consists of all other persons who usually work less than 30 hours per week.
2. Not Married includes single, divorced, separated and widowed.
3. See Table 8.28, note 2.

Table 8.31 Employed by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1985

Year	Male		Female		Total	
	Married	Not Married	Married	Not Married	Married	Not Married
			'000's			
1985	1,720	769	1,154	759	2,874	1,528
1984	1,686	725	1,133	699	2,819	1,424
1983	1,656	672	1,083	685	2,739	1,356
1982	1,661	671	1,069	666	2,730	1,337
1981	1,698	730	1,065	678	2,763	1,408
1980	1,688	689	1,032	644	2,720	1,334
1979	1,699	679	993	622	2,692	1,301
1978	1,693	625	943	574	2,636	1,199
1977	1,663	601	891	553	2,554	1,154
1976	1,668	571	876	527	2,544	1,099
1975	1,657	558	852	509	2,509	1,067
1974	1,629	566	776	472	2,405	1,037
1973	1,593	536	725	450	2,317	988
1972	1,579	480	686	424	2,265	903
1971	1,529	463	648	404	2,178	868
1966	1,417	406	500	337	1,917	744

Sources: Statistics Canada, *The Labour Force, (71-001).*
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes: 1. See Table 8.28, note 2.
2. See Table 8.30, note 2.

Table 8.32 Employed by Sex and Family Status, Ontario, Annual Averages, 1975 to 1985

	Family Members						
Year	Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
				'000's			
Male							
1985	1,607	121	407	65	2,201	288	2,489
1984	1,604	84	391	60	2,139	272	2,411
1983	1,580	80	367	55	2,082	245	2,328
1982	1,604	61	352	59	2,077	256	2,332
1981	1,655	46	383	62	2,146	282	2,428
1980	1,660	31	372	57	2,120	257	2,377
1979	1,663	28	374	61	2,125	253	2,379
1978	1,658	24	341	58	2,081	237	2,318
1977	1,630	19	335	54	2,038	226	2,264
1976	1,637	16	326	54	2,033	207	2,239
1975	1,620	21	325	54	2,020	196	2,215
Female							
1985	240	1,032	312	57	1,641	273	1,914
1984	204	1,034	304	53	1,595	237	1,832
1983	189	994	292	54	1,529	239	1,768
1982	171	994	283	49	1,496	239	1,735
1981	166	1,002	281	53	1,502	242	1,744
1980	144	975	275	49	1,443	233	1,676
1979	136	939	258	50	1,383	232	1,615
1978	121	893	242	49	1,305	212	1,517
1977	117	842	230	47	1,235	208	1,444
1976	99	831	229	46	1,205	199	1,403
1975	99	804	217	42	1,163	198	1,360
Total							
1985	1,846	1,153	720	123	3,842	561	4,402
1984	1,808	1,118	695	113	3,734	509	4,243
1983	1,769	1,075	659	109	3,611	485	4,096
1982	1,775	1,055	635	108	3,573	495	4,067
1981	1,821	1,048	664	115	3,648	523	4,171
1980	1,804	1,006	647	106	3,563	490	4,053
1979	1,799	967	632	111	3,508	485	3,993
1978	1,779	916	582	108	3,385	449	3,835
1977	1,747	860	565	101	3,274	434	3,708
1976	1,736	847	554	99	3,237	406	3,643
1975	1,720	825	542	96	3,182	394	3,576

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Note: A family is defined as a group of two or more persons who are living together in the same dwelling and who are related by blood, marriage or adoption. A person living alone or who is related to no one else in the dwelling where he lives is classified as an unattached individual. The head of a family is determined by the respondent's perception of headship and as such is solely a statistical device which has no economic connotation.

Table 8.33 Employed by Sex and Industry, Ontario, Annual Averages, 1975 to 1985

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
			'000's			
Male						
1985	85	49	718	206	233	410
1984	85	45	698	200	218	395
1983	90	44	655	183	214	371
1982	88	44	682	185	218	379
1981	98	56	750	196	227	362
1980	98	55	723	201	234	354
1979	104	42	734	206	226	372
1978	93	48	693	207	223	373
1977	90	53	673	206	216	352
1976	82	54	665	214	216	350
1975	87	47	660	208	204	355

Table 8.33 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Total	% of Canada
		'000's			
Male					
1985	101	513	174	2,489	38.2
1984	111	488	171	2,411	37.9
1983	102	503	164	2,328	37.3
1982	98	470	167	2,332	37.3
1981	96	471	171	2,428	37.0
1980	101	440	172	2,377	36.8
1979	96	442	157	2,379	37.4
1978	98	412	170	2,318	37.7
1977	95	409	170	2,264	37.5
1976	90	395	173	2,239	37.5
1975	89	394	170	2,215	37.5

Table 8.33 (cont'd.)

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
			'000's			
Female						
1985	42	5	289	25	76	351
1984	40	5	292	19	76	325
1983	46	4	280	19	75	307
1982	43	4	269	21	74	308
1981	45	6	286	19	73	312
1980	46	5	286	21	71	307
1979	42	. . .	273	19	68	308
1978	38	4	247	18	62	277
1977	36	. . .	233	19	56	264
1976	30	. . .	244	17	55	260
1975	30	. . .	217	16	50	263

Table 8.33 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Total	% of Canada
			'000's		
Female					
1985	154	854	117	1,914	39.8
1984	161	806	107	1,832	39.5
1983	147	784	105	1,768	39.3
1982	152	759	106	1,735	39.5
1981	151	750	101	1,744	39.2
1980	151	697	93	1,676	39.4
1979	141	669	93	1,615	40.0
1978	134	644	92	1,517	39.6
1977	127	615	91	1,444	39.9
1976	127	577	90	1,403	39.9
1975	119	573	89	1,360	40.2

Table 8.33 (cont'd.)

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Total						
1985	127	55	1,007	231	309	761
1984	125	50	990	219	294	720
1983	136	48	935	203	290	678
1982	131	49	951	206	292	687
1981	143	62	1,036	216	300	674
1980	143	60	1,009	222	304	662
1979	146	45	1,007	226	293	680
1978	131	52	940	226	285	650
1977	127	56	906	225	272	616
1976	112	57	909	230	271	610
1975	117	50	877	224	254	618

Table 8.33 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Total	% of Canada
			'000's		
Total					
1985	255	1,367	291	4,402	38.9
1984	272	1,294	278	4,243	38.6
1983	250	1,287	269	4,096	38.2
1982	250	1,228	273	4,067	38.2
1981	247	1,221	272	4,171	37.9
1980	252	1,136	265	4,053	37.9
1979	237	1,111	249	3,993	38.4
1978	232	1,056	263	3,835	38.4
1977	222	1,024	261	3,708	38.4
1976	217	973	264	3,643	38.4
1975	209	967	259	3,576	38.5

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Table 8.34 Employed Labour Force by Industry, Ontario and Other Regions of Canada, Census Years, 1971 and 1981

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Agriculture						
1981	133,355	20,080	70,340	233,735	457,510	29.1
1971	126,730	20,140	71,035	253,610	471,515	26.9
Forestry						
1981	12,175	13,050	16,935	35,970	78,130	15.6
1971	7,370	10,750	16,270	27,975	62,370	11.8
Fishing & Trapping						
1981	2,200	20,535	2,135	6,880	31,750	6.9
1971	1,335	16,300	1,715	4,525	23,865	5.6
Mines (Including Milling), Quarries & Oil Wells						
Metal Mines						
1981	29,635	6,910	15,480	22,065	74,090	40.0
1971	30,275	5,560	12,350	15,580	63,770	47.5
Mineral Fuels						
1981	1,715	4,850	390	51,990	58,945	2.9
1971	935	4,890	480	21,715	28,005	3.3
Non-metal Mines (Except Coal)						
1981	1,310	2,055	7,265	6,620	17,250	7.6
1971	1,445	2,145	7,355	4,330	15,270	9.5
Quarries & Sand Pits						
1981	3,490	495	1,965	2,450	8,400	41.5
1971	2,780	335	1,810	1,430	6,365	43.7
Incidental Services						
1981	3,360	1,015	1,685	29,190	35,250	9.5
1971	3,450	650	1,380	11,210	16,685	20.7
Total						
1981	39,500	15,330	26,780	112,325	193,935	20.4
1971	38,895	13,555	23,375	54,270	130,110	29.9
Manufacturing						
Food & Beverage						
1981	92,200	53,660	68,070	57,445	271,375	34.0
1971	80,770	36,045	56,620	51,400	224,825	35.9
Tobacco Products						
1981	2,865	85	4,500	310	7,760	36.9
1971	2,920	115	5,055	275	8,355	34.9
Rubber & Plastics Products						
1981	38,100	4,515	15,695	5,320	63,630	59.9
1971	27,135	715	11,530	2,590	41,955	64.7
Leather						
1981	15,670	370	11,425	1,580	29,045	54.0
1971	12,495	235	12,140	1,280	26,165	47.8
Textile						
1981	32,315	2,180	34,635	4,190	73,320	44.1
1971	26,785	1,585	32,810	2,770	63,940	41.9
Knitting Mills						
1981	6,955	1,225	10,400	930	19,510	35.6
1971	5,785	1,155	8,950	750	16,635	34.8
Clothing						
1981	27,505	595	68,755	13,880	110,735	24.8
1971	19,320	535	56,920	10,480	87,260	22.1
Wood						
1981	26,345	8,795	32,480	67,690	135,310	19.5
1971	16,285	7,440	19,520	49,085	92,335	17.6
Furniture & Fixture						
1981	29,610	1,590	21,620	10,420	63,240	46.8
1971	18,745	840	15,265	6,340	41,185	45.5
Paper & Allied						
1981	49,260	13,795	46,600	28,685	138,340	35.6
1971	43,140	12,755	38,545	21,375	115,800	37.3

Table 8.34 (cont'd.)

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Manufacturing (cont'd.)						
Printing, Publishing & Allied						
1981	60,710	4,775	32,685	28,145	126,315	48.1
1971	48,450	3,915	24,130	21,050	97,550	49.7
Primary Metal						
1981	78,440	3,975	32,355	17,030	131,800	59.5
1971	68,135	4,435	25,310	14,040	111,930	60.9
Metal Fabricating (Except Machinery & Transportation Equipment)						
1981	100,060	4,225	38,355	34,205	176,845	56.6
1971	73,645	3,660	28,030	21,385	126,720	58.1
Machinery (Except Electrical)						
1981	67,030	1,540	22,370	23,105	114,045	58.8
1971	49,945	1,060	13,035	9,245	73,300	68.1
Transportation Equipment						
1981	120,240	9,935	38,605	24,815	193,595	62.1
1971	98,720	6,720	28,695	18,270	152,410	64.8
Electrical Products						
1981	83,245	2,070	31,215	9,665	126,195	66.0
1971	69,975	2,360	29,550	7,195	109,085	64.1
Non-metallic Mineral Products						
1981	28,670	2,960	16,760	16,300	64,690	44.3
1971	26,895	2,345	12,730	10,650	52,610	51.1
Petroleum & Coal Products						
1981	10,430	2,110	6,275	6,645	25,460	41.0
1971	7,735	1,140	5,090	5,065	19,025	40.7
Chemical & Chemical Products						
1981	51,970	2,840	26,365	14,060	95,235	54.6
1971	40,320	2,590	23,275	8,560	74,755	53.9
Miscellaneous						
1981	45,555	2,045	20,155	9,920	77,675	58.6
1971	35,135	1,430	14,835	6,360	57,760	60.8
Total						
1981	967,190	123,290	579,330	374,355	2,044,165	47.3
1971	772,325	91,085	462,035	268,155	1,593,595	48.5
Construction						
General Contractors						
1981	78,380	23,190	50,115	116,555	268,240	29.2
1971	87,300	27,790	44,955	75,495	235,550	37.1
Special-trade Contractors						
1981	143,675	25,230	77,500	149,005	395,410	36.3
1971	102,730	20,005	58,840	66,840	248,410	41.4
Total						
1981	222,055	48,435	127,615	265,555	663,660	33.5
1971	190,035	47,805	103,790	142,345	483,965	39.3
Transportation, Communication & Other Utilities						
Transportation						
1981	156,645	41,280	124,860	176,860	499,645	31.4
1971	119,150	39,195	101,345	122,300	382,000	31.2
Storage						
1981	6,175	825	2,425	11,110	20,535	30.1
1971	4,215	505	2,065	8,470	15,265	27.6
Communication						
1981	83,075	18,680	62,285	73,305	237,345	35.0
1971	54,560	14,330	39,700	47,815	156,400	34.9
Electric Power, Gas & Water Utilities						
1981	51,480	9,835	28,190	35,580	125,085	41.2
1971	34,735	7,820	19,245	22,805	84,610	41.1
Total						
1981	297,380	70,625	217,760	296,855	882,620	33.7
1971	212,670	61,855	162,355	201,395	638,275	33.3

Table 8.34 (cont'd.)

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Trade						
Wholesale						
1981	199,860	35,685	119,730	166,445	521,720	38.3
1971	127,980	25,915	73,715	101,820	329,420	38.9
Retail						
1981	482,105	102,805	305,950	396,155	1,287,015	37.5
1971	341,100	74,735	201,245	246,995	864,045	39.5
Total						
1981	681,965	138,490	425,680	562,605	1,808,740	37.7
1971	469,075	100,635	274,955	348,795	1,193,465	39.3
Finance, Insurance & Real Estate						
Finance						
1981	122,065	17,500	74,320	91,030	304,915	40.0
1971	72,535	10,145	46,880	48,165	177,725	40.8
Insurance Carriers						
1981	46,145	4,930	25,075	21,985	98,135	47.0
1971	33,790	3,145	18,285	12,945	68,175	49.6
Insurance Agencies & Real Estate						
1981	77,555	9,805	37,765	65,390	190,515	40.7
1971	43,275	4,285	21,455	28,825	97,835	44.2
Total						
1981	245,770	32,220	137,160	178,400	593,550	41.4
1971	149,610	17,580	86,620	89,920	343,730	43.5
Community, Business & Personal Service						
Education & Related						
1981	263,085	64,235	192,690	210,875	730,885	36.0
1971	211,985	47,130	146,575	148,705	554,390	38.2
Health & Welfare						
1981	280,875	67,740	219,810	238,235	806,660	34.8
1971	189,430	41,720	125,955	140,550	497,655	38.1
Religious Organizations						
1981	18,275	5,685	20,865	14,240	59,065	30.9
1971	14,795	4,770	16,680	10,120	46,360	31.9
Amusement & Recreation						
1981	51,710	6,000	26,025	29,605	113,340	45.6
1971	29,375	3,615	14,635	18,790	66,395	44.2
Business Management						
1981	191,560	19,165	95,860	141,540	448,125	42.7
1971	87,235	9,385	48,480	51,540	196,625	44.4
Personal						
1981	64,640	14,020	44,680	42,530	165,870	39.0
1971	63,025	15,840	44,745	43,480	167,085	37.7
Accommodation & Food						
1981	211,830	38,290	132,340	185,520	567,980	37.3
1971	110,015	21,550	73,025	94,235	298,830	36.8
Miscellaneous						
1981	83,705	14,410	52,570	73,355	224,040	37.4
1971	43,900	7,140	23,380	34,595	109,030	40.3
Total						
1981	1,165,670	229,540	784,845	935,910	3,115,965	37.4
1971	749,750	151,145	493,470	542,035	1,936,380	38.7

Table 8.34 (cont'd.)

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Public Administration & Defence						
Federal						
1981	142,485	52,900	74,870	95,285	365,540	39.0
1971	125,950	50,635	54,815	86,125	317,500	39.7
Provincial						
1981	65,840	23,830	68,455	86,625	244,750	26.9
1971	54,630	15,150	41,640	44,350	155,770	35.1
Local						
1981	80,410	12,825	53,650	72,355	219,240	36.7
1971	58,340	7,515	36,715	38,515	141,090	41.3
Other Government Offices						
1981	810	140	390	860	2,200	36.8
1971	615	905	430	155	2,105	29.2
Total						
1981	289,550	89,720	197,365	254,445	831,080	34.8
1971	239,525	74,185	133,590	169,155	616,460	38.9
All Industries						
1981	4,056,820	801,295	2,585,945	3,257,035	10,701,095	37.9
1971	2,957,320	605,045	1,829,230	2,102,155	7,493,740	39.5
Unspecified or Undefined						
1981	116,705	25,900	92,135	103,650	338,390	34.5
1971	219,585	50,505	187,930	165,620	623,640	35.2
Total						
1981	4,173,525	827,195	2,678,080	3,360,685	11,039,485	37.8
1971	3,176,905	655,550	2,017,160	2,267,775	8,117,380	39.1

Sources: Statistics Canada, *1971 Census of Canada, Employed Labour Force by Industry, Age and Sex, for Canada and Provinces, (94-747).*
Special tabulations, 1981.

Note: Canada data by industry for 1981 are derived by totalling the regions. West includes Yukon and Northwest Territories.

Table 8.35 Employed by Sex and Occupation, Ontario, Annual Averages, 1975 to 1985

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Male						
1985	706	161	210	259	124	540
1984	655	159	224	246	127	538
1983	601	154	246	259	134	494
1982	581	156	250	249	128	532
1981	581	168	244	241	147	565
1980	546	159	240	239	149	560
1979	529	168	239	236	142	583
1978	525	160	246	231	130	543
1977	510	163	251	223	130	514
1976	508	163	253	213	122	503
1975	501	152	258	219	121	500

Table 8.35 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Total	% of Canada
			'000's		
Male					
1985	214	141	134	2,489	38.2
1984	208	129	126	2,411	37.9
1983	193	123	125	2,328	37.3
1982	192	126	120	2,332	37.3
1981	219	132	130	2,428	37.0
1980	223	137	124	2,377	36.8
1979	225	136	120	2,379	37.4
1978	224	139	120	2,318	37.7
1977	223	132	117	2,264	37.5
1976	232	129	117	2,239	37.5
1975	229	121	114	2,215	37.5

Table 8.35 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Female						
1985	556	598	191	328	38	144
1984	512	581	183	310	37	151
1983	465	563	192	307	42	142
1982	445	580	185	298	41	133
1981	411	598	177	313	42	149
1980	387	580	177	283	43	153
1979	373	553	178	275	41	146
1978	348	545	155	259	37	129
1977	339	519	157	233	36	120
1976	319	521	152	213	29	128
1975	310	505	148	212	28	122

Table 8.35 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Total	% of Canada
			'000's		
Female					
1985	. . .	15	40	1,914	39.8
1984	4	12	41	1,832	39.5
1983	5	11	42	1,768	39.3
1982	4	10	39	1,735	39.5
1981	. . .	11	39	1,744	39.2
1980	. . .	11	39	1,676	39.4
1979	. . .	10	36	1,615	40.0
1978	. . .	6	36	1,517	39.6
1977	. . .	6	31	1,444	39.9
1976	. . .	6	33	1,403	39.9
1975	. . .	5	30	1,360	40.2

Table 8.35 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Total						
1985	1,262	759	402	587	162	684
1984	1,167	740	407	556	164	690
1983	1,066	717	437	565	176	636
1982	1,025	736	435	547	168	665
1981	992	766	420	554	189	715
1980	933	739	418	522	192	713
1979	902	721	417	511	183	729
1978	873	705	400	490	168	671
1977	849	681	409	456	166	634
1976	827	684	405	426	152	631
1975	811	657	406	431	148	622

Table 8.35 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Total	% of Canada
			'000's		
Total					
1985	217	156	173	4,402	38.9
1984	212	141	167	4,243	38.6
1983	197	134	167	4,096	38.2
1982	196	136	159	4,067	38.2
1981	222	143	170	4,171	37.9
1980	226	148	163	4,053	37.9
1979	228	146	156	3,993	38.4
1978	226	145	156	3,835	38.4
1977	226	138	148	3,708	38.4
1976	233	135	150	3,643	38.4
1975	231	126	144	3,576	38.5

Sources: Statistics Canada, *The Labour Force*, *(71-001)*.
Labour Force Annual Averages, *(71-529)*.

Table 8.36 Employed by Occupation and Sex, Ontario Compared to Canada, 1981

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Managerial, Administrative & Related						
Officials & Administrators, Government	18,605	35.8	5,285	35.8	23,890	35.8
Other Managers & Administrators	203,795	36.9	58,510	39.0	262,305	37.4
Related	75,065	41.7	39,920	45.5	114,985	42.9
Total	297,460	37.9	103,715	41.1	401,175	38.7
Natural Sciences, Engineering & Mathematics						
Physical Sciences	12,920	39.6	2,535	35.1	15,455	38.8
Life Sciences	5,435	26.7	2,160	29.9	7,595	27.5
Architects, Engineers, Community Planners	55,640	43.5	2,585	43.2	58,225	43.5
Other Architecture & Engineering	41,100	38.4	4,965	37.8	46,065	38.3
Mathematics, Statistics, Systems Analysis & Related	24,200	50.2	8,510	44.0	32,710	48.4
Total	139,295	41.4	20,750	39.2	160,045	41.1
Social Sciences & Related						
Social Sciences	6,895	41.2	4,595	46.4	11,490	43.1
Social Work & Related	8,650	34.2	19,735	40.1	28,385	38.1
Law & Jurisprudence	14,070	41.2	3,720	39.6	17,790	40.9
Library, Museum & Archival Sciences	1,965	35.6	6,495	36.6	8,460	36.3
Other	2,105	39.9	2,870	49.4	4,975	44.9
Total	33,685	38.7	37,420	40.6	71,105	39.7
Religion	8,120	32.8	1,990	18.8	10,110	28.6
Teaching & Related						
University & Related	12,275	39.6	4,710	38.7	16,985	39.3
Elementary & Secondary School & Related	43,565	36.4	76,605	34.7	120,170	35.3
Other	14,940	31.9	18,955	35.0	33,895	33.6
Total	70,780	35.9	100,275	34.9	171,055	35.3
Medicine & Health						
Health Diagnosing & Treating	18,320	36.6	4,060	38.3	22,380	36.9
Nursing, Therapy & Related Assisting	9,600	25.8	111,675	35.3	121,275	34.3
Other	10,675	36.9	26,820	36.6	37,495	36.7
Total	38,600	33.2	142,555	35.6	181,155	35.0
Artistic, Literary, Recreational & Related						
Fine & Commercial Art, Photography & Related	12,960	40.4	9,685	41.3	22,645	40.8
Performing & Audio-Visual Arts	10,450	40.6	4,225	42.5	14,675	41.1
Writing	8,435	44.0	7,000	44.8	15,435	44.4
Sports & Recreation	7,310	37.1	5,455	42.1	12,765	39.1
Total	39,155	40.5	26,370	42.5	65,525	41.3

Table 8.36 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Clerical & Related						
Stenographic & Typing	2,410	37.7	175,815	38.3	178,225	38.3
Bookkeeping, Account-Recording & Related	38,820	36.5	239,475	39.2	278,295	38.8
Office Machine & Electronic Data Processing Operators	11,040	49.6	34,325	46.1	45,365	46.9
Material Recording, Scheduling & Distributing	80,560	44.4	26,245	47.0	106,805	45.0
Library, File & Correspondence Clerks & Related	3,310	47.4	18,115	44.5	21,425	44.9
Reception, Information, Mail & Message Distribution	24,215	38.0	62,005	38.3	86,220	38.2
Other	30,770	36.3	94,360	39.4	125,130	38.6
Total	191,115	40.5	650,340	39.6	841,455	39.8
Sales						
Commodities	166,910	36.1	144,085	39.4	310,995	37.5
Services	41,700	40.6	19,825	43.6	61,525	41.5
Other	8,125	30.9	3,575	43.8	11,700	33.9
Total	216,740	36.6	167,490	39.9	384,230	38.0
Service						
Protective	74,925	33.8	10,325	35.6	85,250	34.0
Food & Beverage Preparation & Related	58,180	35.9	117,515	36.2	175,695	36.1
Lodging & Other Accommodation	7,960	45.7	15,605	38.5	23,565	40.6
Personal	11,895	41.7	46,210	34.8	58,105	36.1
Apparel & Furnishings	4,520	34.6	9,635	35.7	14,155	35.4
Other	74,855	39.5	48,675	38.0	123,530	38.9
Total	232,330	36.8	247,965	36.4	480,295	36.6
Farming, Horticultural & Animal Husbandry						
Farmers	48,420	23.4	8,280	42.7	56,700	25.0
Other	56,515	36.3	28,155	35.0	84,670	35.8
Total	104,930	28.9	36,435	36.5	141,365	30.6
Fishing, Trapping & Related	1,175	3.5	160	9.4	1,335	3.8
Forestry & Logging	9,640	15.8	1,090	28.1	10,730	16.6
Mining & Quarrying Including Oil & Gas Field	17,865	26.0	335	23.1	18,200	25.9
Processing						
Mineral Ore Treating	3,395	40.3	205	43.6	3,600	40.4
Metal Processing & Related	39,500	57.6	2,755	71.7	42,255	58.3
Clay, Glass & Stone Processing, Forming & Related	6,505	42.4	1,255	50.4	7,760	43.5
Chemicals, Petroleum, Rubber, Plastic & Related	17,130	47.2	3,865	57.6	20,995	48.8
Food, Beverage & Related	33,025	30.4	14,005	27.3	47,030	29.4
Wood, Except Pulp & Papermaking	5,975	12.9	970	30.4	6,945	14.1
Pulp & Papermaking & Related	12,035	27.8	935	38.2	12,970	28.3
Textile	6,485	30.0	7,560	41.3	14,045	35.2
Other	1,755	42.6	955	37.4	2,710	40.6
Total	125,805	35.7	32,510	35.6	158,315	35.7

Table 8.36 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Machining & Related						
Metal	46,775	52.8	2,980	72.9	49,755	53.7
Metal Shaping & Forming, Except Machining	67,300	44.3	7,745	75.5	75,045	46.3
Wood	3,630	28.2	655	51.0	4,285	30.2
Clay, Glass, Stone & Related Materials	3,385	40.9	855	50.7	4,240	42.6
Other	7,910	54.1	1,170	60.3	9,080	54.8
Total	128,995	46.7	13,400	69.6	142,395	48.2
Product Fabricating, Assembling & Repairing						
Metal Products, n.e.c.	47,510	62.9	10,660	76.5	58,170	65.0
Electrical, Electronic & Related	42,885	45.8	19,955	70.8	62,840	51.6
Wood Products	12,345	32.3	2,485	52.1	14,830	34.5
Textile, Fur & Leather Products	15,980	36.5	45,005	33.5	60,985	34.2
Rubber, Plastic & Related Products	13,260	50.6	6,035	69.2	19,295	55.2
Mechanics & Repairers, n.e.c.	121,185	35.2	1,975	43.9	123,160	35.3
Other	28,955	46.3	10,995	59.0	39,950	49.2
Total	282,130	41.2	97,110	45.6	379,240	42.2
Construction Trades						
Excavating, Grading, Paving & Related	27,545	26.3	265	24.2	27,810	26.3
Electrical Power, Lighting & Wire Communications Equipment Erecting, Installing & Repairing	43,875	34.1	1,670	40.1	45,545	34.3
Other	154,590	33.3	2,405	29.7	156,995	33.2
Total	226,015	32.4	4,340	32.5	230,355	32.4
Transport Equipment Operating						
Air	4,575	27.6	235	19.8	4,810	27.1
Railway	9,440	30.3	330	41.8	9,770	30.5
Water	3,250	17.8	95	24.7	3,345	18.0
Motor	116,685	34.2	11,490	44.0	128,175	34.9
Other	2,295	43.5	130	57.8	2,425	44.1
Total	136,250	33.1	12,275	42.8	148,525	33.7
Material Handling & Related, n.e.c.	71,435	40.1	26,120	52.5	97,555	42.9
Other Crafts & Equipment Operating						
Printing & Related	21,415	45.3	9,405	44.2	30,820	44.9
Stationary Engine & Utilities Equipment & Related	17,880	35.7	320	32.2	18,200	35.6
Electronic & Related Communications Equipment, n.e.c.	3,015	32.3	670	36.9	3,685	33.0
Other Crafts & Equipment, n.e.c.	2,330	47.4	1,770	40.3	4,100	44.1
Total	44,635	40.0	12,165	42.7	56,800	40.5
Occupations, n.e.c.	50,545	43.4	13,470	59.2	64,015	46.0
All Occupations	2,466,705	36.9	1,748,275	39.1	4,214,980	37.7

Source: Statistics Canada, *Census of Canada, Worked Since January 1, 1980, Occupation by Labour Force and Work Activity*, (92-919).

Table 8.37 Employed by Occupation and Industry, Ontario, Census Years, 1971 and 1981

	Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
			number		
Managerial, Administrative & Related					
1981	2,875	72,365	14,380	20,065	38,755
1971	1,635	34,360	7,795	7,940	15,750
Natural Sciences, Engineering & Mathematics					
1981	5,340	52,630	4,960	14,845	6,150
1971	3,755	36,230	4,395	9,370	2,565
Social Sciences & Related					
1981	165	1,545	75	765	775
1971	45	1,005	30	455	310
Religion					
1981	–	15	–	–	30
1971	–	10	5	–	20
Teaching & Related					
1981	140	925	20	1,075	940
1971	55	425	10	530	250
Medicine & Health					
1981	2,025	3,600	15	1,085	7,095
1971	1,060	2,265	40	325	3,595
Artistic, Literary, Recreational & Related					
1981	135	9,915	200	85	4,600
1971	145	6,845	200	85	2,730
Clerical & Related					
1981	7,750	135,415	18,590	82,560	169,910
1971	4,620	115,160	11,775	58,970	103,655
Sales					
1981	1,480	36,890	2,995	5,010	274,725
1971	990	43,080	2,485	3,825	202,400
Service					
1981	1,800	16,185	2,140	8,775	17,055
1971	1,345	15,905	2,080	7,140	13,650
Farming, Horticultural & Animal Husbandry					
1981	122,335	710	6,885	530	1,535
1971	119,630	1,150	4,265	560	1,680
Fishing, Trapping & Related					
1981	1,070	110	–	–	55
1971	900	85	5	–	45
Forestry & Logging					
1981	7,110	1,900	130	230	130
1971	4,485	1,570	165	350	110
Mining & Quarrying Including Oil & Gas Field					
1981	14,870	1,335	765	110	75
1971	15,740	1,295	1,275	125	65
Processing					
1981	3,030	128,445	1,220	790	13,545
1971	2,965	98,720	995	575	8,865
Machining & Related					
1981	1,375	113,175	7,690	2,335	5,940
1971	1,420	97,480	8,085	1,765	4,590

Table 8.37 (cont'd.)

	Finance, Insurance & Real Estate	Community, Business & Personal Services	Public Adminis-tration & Defence	Residual	All Industries
			number		
Managerial, Administrative & Related					
1981	41,480	73,925	49,260	1,335	314,440
1971	18,790	37,695	29,995	990	154,950
Natural Sciences, Engineering & Mathematics					
1981	6,980	45,305	24,150	600	160,960
1971	2,910	23,075	18,985	570	101,855
Social Sciences & Related					
1981	1,250	51,080	13,030	205	68,890
1971	645	21,770	6,920	150	31,330
Religion					
1981	–	9,095	85	45	9,270
1971	–	7,085	70	10	7,200
Teaching & Related					
1981	330	160,420	2,800	120	166,770
1971	115	122,285	2,450	100	126,220
Medicine & Health					
1981	230	156,720	4,055	480	175,305
1971	230	109,310	4,495	145	121,465
Artistic, Literary, Recreational & Related					
1981	730	34,935	4,490	6,465	61,555
1971	355	15,345	2,680	3,465	31,850
Clerical & Related					
1981	118,175	190,165	86,455	4,295	813,315
1971	75,175	113,995	71,100	4,185	558,635
Sales					
1981	57,665	21,220	830	3,035	403,850
1971	36,025	14,185	1,290	2,195	306,475
Service					
1981	11,330	339,405	67,610	1,795	466,095
1971	7,895	224,360	59,095	1,745	333,215
Farming, Horticultural & Animal Husbandry					
1981	590	7,640	5,115	280	145,620
1971	350	6,730	4,130	145	138,640
Fishing, Trapping & Related					
1981	–	5	25	–	1,265
1971	–	10	70	–	1,115
Forestry & Logging					
1981	5	65	530	5	10,105
1971	15	80	3,005	20	9,800
Mining & Quarrying Including Oil & Gas Field					
1981	15	85	50	95	17,400
1971	25	70	55	160	18,810
Processing					
1981	195	3,420	455	575	151,675
1971	370	2,105	360	670	115,625
Machining & Related					
1981	175	5,400	575	665	137,330
1971	615	3,775	790	955	119,475

Table 8.37 (cont'd.)

	Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
			number		
Product Fabricating, Assembling & Repairing					
1981	4,855	232,640	8,460	16,960	77,695
1971	3,690	168,525	5,700	12,290	56,080
Construction Trades					
1981	3,025	21,785	140,600	32,660	5,940
1971	2,555	22,015	123,800	23,350	4,465
Transport Equipment Operating					
1981	3,195	17,360	6,060	77,540	20,390
1971	3,240	15,610	6,730	60,590	15,815
Material Handling & Related, n.e.c.					
1981	2,115	51,965	2,265	11,650	18,985
1971	2,345	41,910	3,005	8,840	15,955
Other Crafts & Equipment Operating					
1981	540	31,970	485	8,170	1,675
1971	625	26,205	510	5,625	1,285
Residual					
1981	2,005	36,310	4,120	12,140	15,965
1971	3,085	42,475	6,685	9,960	15,195
Total					
1981	187,235	967,190	222,055	297,380	681,965
1971	174,330	772,325	190,035	212,670	469,075

Table 8.37 (cont'd.)

	Finance, Insurance & Real Estate	Community, Business & Personal Services	Public Administration & Defence	Residual	All Industries
			number		
Product Fabricating, Assembling & Repairing					
1981	925	16,635	4,700	1,885	364,755
1971	845	9,810	4,000	1,985	262,925
Construction Trades					
1981	1,630	7,960	7,670	1,315	222,585
1971	1,185	6,550	8,885	1,255	194,060
Transport Equipment Operating					
1981	370	11,265	5,175	770	142,125
1971	345	5,700	5,150	950	114,130
Material Handling & Related, n.e.c.					
1981	200	3,015	1,280	570	92,045
1971	340	1,775	1,890	585	76,645
Other Crafts & Equipment Operating					
1981	820	7,880	3,185	275	55,000
1971	765	5,210	3,535	240	44,000
Residual					
1981	2,675	20,035	8,025	91,900	193,175
1971	2,615	18,835	10,570	199,060	308,480
Total					
1981	245,770	1,165,675	289,550	116,710	4,173,530
1971	149,610	749,755	239,520	219,580	3,176,900

Sources: Statistics Canada, *Census of Canada, 1971 and 1981.*
Special tabulations.

Table 8.38 Unemployed by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1985

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			'000's			
Male						
1985	37	46	81	39	. . .	205
1984	41	51	91	44	. . .	229
1983	47	67	107	49	. . .	271
1982	51	60	93	47	. . .	252
1981	40	38	49	26	. . .	154
1980	43	32	55	26	. . .	157
1979	38	30	46	26	. . .	141
1978	42	33	47	28	. . .	151
1977	35	35	44	26	. . .	142
1976	32	27	40	20	. . .	121
1975	33	27	41	22	. . .	126
1974	21	20	30	19	. . .	92
1973	19	21	29	19	. . .	90
1972	23	25	34	26	. . .	110
1971	25	25	36	28	. . .	116
1966	10	7	15	14	. . .	49
1961	14	16	45	30	4	109
1956	6	6	17	12	. . .	44
1951	. .	. .	. .	. .	. .	24
1946	. .	. .	. .	. .	. .	39
Female						
1985	27	33	88	32	. . .	180
1984	31	40	90	33	. . .	194
1983	36	43	90	34	. . .	203
1982	37	40	81	30	. . .	189
1981	34	25	59	20	. . .	139
1980	33	30	56	21	. . .	140
1979	34	27	56	20	. . .	137
1978	34	28	63	22	. . .	147
1977	31	31	52	22	. . .	136
1976	29	22	49	18	. . .	119
1975	28	22	45	21	. . .	116
1974	15	14	20	8	. . .	57
1973	14	12	16	8	. . .	51
1972	14	12	16	9	. . .	51
1971	16	12	15	9	. . .	53
1966	7	4	6	. . .	. . .	20
1961	7	. . .	7	4	. . .	22
1956	. . .	. . .	. . .	. . .	. . .	7
1951	. .	. .	. .	. .	. .	8
1946	. .	. .	. .	. .	. .	9

Table 8.38 (cont'd.)

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			'000's			
Total						
1985	64	79	168	71	. . .	385
1984	72	90	181	78	. . .	423
1983	83	110	197	83	. . .	474
1982	87	100	174	77	. . .	440
1981	73	64	108	46	. . .	293
1980	76	61	111	48	. . .	297
1979	72	57	102	46	. . .	278
1978	76	61	110	50	. . .	298
1977	66	66	96	48	. . .	278
1976	61	50	89	38	. . .	239
1975	60	50	86	43	4	242
1974	36	34	50	27	. . .	149
1973	34	33	45	27	. . .	140
1972	37	37	50	35	. . .	161
1971	41	37	51	37	. . .	169
1966	17	11	22	17	. . .	69
1961	21	19	52	35	5	132
1956	8	8	20	13	. . .	51
1951	. .	. .	. .	. .	. .	32
1946	. .	. .	. .	. .	. .	48

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Note: See Table 8.28 notes 1 and 2.

Table 8.39 Unemployed by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1985

Year	Male		Female		Total	
	Married	Not Married	Married	Not Married	Married	Not Married
			'000's			
1985	85	120	102	77	187	198
1984	101	127	113	82	214	209
1983	127	144	116	88	242	232
1982	118	134	104	84	222	218
1981	62	92	76	62	139	154
1980	67	90	75	66	142	155
1979	60	81	76	61	136	142
1978	63	88	85	61	149	149
1977	60	82	80	57	140	139
1976	53	67	68	50	122	118
1975	61	66	71	45	132	110
1974	44	49	28	29	72	78
1973	41	. .	24	27	65	75
1972	51	59	24	26	75	86
1971	57	59	24	28	82	88
1966	25	. .	9	. .	34	. .

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes: 1. See Table 8.30, note 2.
2. See Table 8.28, note 2.

Table 8.40 Unemployed by Sex and Family Status, Ontario, Annual Averages, 1975 to 1985

Year	Family Members: Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
	'000's						
Male							
1985	79	7	77	10	173	32	205
1984	95	7	84	12	197	31	229
1983	120	5	94	16	235	36	271
1982	113	4	93	12	222	30	252
1981	60	...	64	8	134	20	154
1980	64	...	63	7	137	20	157
1979	56	...	57	8	122	18	141
1978	60	...	59	8	129	22	151
1977	57	...	55	9	122	20	142
1976	49	...	47	7	105	15	121
1975	58	...	43	7	109	17	126
Female							
1985	28	90	38	6	163	17	180
1984	25	102	42	8	178	16	194
1983	26	106	47	8	186	17	203
1982	24	96	44	9	172	16	189
1981	15	71	35	5	125	13	139
1980	17	70	36	5	128	13	140
1979	14	71	35	5	125	12	137
1978	14	80	35	4	133	14	147
1977	11	75	33	5	124	12	136
1976	8	65	31	4	109	10	119
1975	9	67	27	...	106	9	116
Total							
1985	106	97	116	16	335	49	385
1984	121	109	126	20	375	47	423
1983	145	111	141	24	421	53	474
1982	137	101	137	20	394	46	440
1981	74	73	100	12	259	34	293
1980	81	72	99	12	264	33	297
1979	70	73	92	12	248	30	278
1978	74	81	95	13	262	36	298
1977	68	76	88	14	246	32	278
1976	58	67	79	11	214	25	239
1975	67	68	70	10	215	27	242

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Note: See note, Table 8.32.

Table 8.41 Unemployed by Sex and Industry, Ontario, Annual Averages, 1975 to 1985

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Male						
1985	7	5	47	37	13	30
1984	7	5	55	42	16	32
1983	8	9	79	46	17	37
1982	7	11	84	45	15	32
1981	5	4	47	28	9	21
1980	4	4	48	31	10	20
1979	4	. . .	35	29	10	20
1978	4	4	33	32	11	21
1977	4	. . .	36	30	10	20
1976	. . .	. . .	32	23	9	17
1975	. . .	. . .	36	27	8	17

Table 8.41 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Unclassified	Total	% of Canada
			'000's			
Male						
1985	4	42	10	10	205	27.3
1984	4	46	11	11	229	28.6
1983	. . .	49	9	12	271	31.5
1982	4	37	8	9	252	32.4
1981	. . .	25	5	8	154	31.2
1980	. . .	23	7	8	157	33.0
1979	. . .	24	6	8	141	31.4
1978	. . .	25	9	9	151	30.2
1977	. . .	24	6	7	142	30.0
1976	. . .	19	6	6	121	30.0
1975	. . .	15	6	12	126	32.2

Table 8.41 (cont'd.)

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Female						
1985	6	. . .	33	. . .	5	28
1984	5	. . .	34	. . .	5	32
1983	6	. . .	40	. . .	6	33
1982	6	. . .	44	. . .	5	27
1981	4	. . .	29	. . .	. . .	21
1980	. . .	. . .	30	. . .	4	23
1979	4	. . .	25	. . .	4	21
1978	4	. . .	30	. . .	4	24
1977	. . .	. . .	28	. . .	5	24
1976	. . .	. . .	24	. . .	5	19
1975	. . .	. . .	26	. . .	4	17

Table 8.41 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Unclassified	Total	% of Canada
			'000's			
Female						
1985	9	71	8	18	180	31.1
1984	7	77	9	21	194	32.4
1983	9	78	9	20	203	34.4
1982	7	72	8	17	189	35.2
1981	5	50	6	18	139	34.4
1980	6	49	6	17	140	36.0
1979	4	50	6	20	137	35.4
1978	5	51	7	19	147	36.0
1977	6	49	5	15	136	36.1
1976	5	43	4	13	119	37.0
1975	4	37	4	18	116	38.8

Table 8.41 (cont'd.)

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Total						
1985	13	6	79	40	17	57
1984	12	6	90	44	20	64
1983	14	10	119	49	23	70
1982	13	12	128	47	20	59
1981	9	5	76	29	12	42
1980	8	5	79	33	13	43
1979	8	. . .	61	31	14	41
1978	7	4	63	34	15	46
1977	7	4	64	32	15	44
1976	6	4	57	25	13	36
1975	6	. . .	62	28	12	34

Table 8.41 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Unclassified	Total	% of Canada
			'000's			
Total						
1985	13	113	18	28	385	29.0
1984	11	123	20	32	423	30.2
1983	12	127	18	32	474	32.7
1982	11	109	16	26	440	33.5
1981	7	75	11	26	293	32.6
1980	8	72	12	25	297	34.3
1979	7	73	13	28	278	33.3
1978	8	76	15	28	298	32.8
1977	8	73	11	22	278	32.7
1976	7	62	10	20	239	32.9
1975	6	52	10	30	242	35.1

Source: Statistics Canada, *Labour Force Survey*, Special tabulations.

Note: Unclassified comprises persons who have never worked before, and those persons who last worked more than 5 years ago.

Table 8.42 Unemployed by Sex and Occupation, Ontario, Annual Averages, 1975 to 1985

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Male						
1985	24	11	15	27	16	41
1984	26	14	13	30	15	48
1983	27	16	16	35	20	69
1982	21	13	14	27	18	77
1981	12	9	9	18	11	40
1980	11	7	9	18	11	46
1979	12	8	10	16	9	35
1978	14	12	10	20	9	28
1977	12	8	10	17	9	31
1976	12	9	8	12	7	28
1975	10	8	8	12	7	30

Table 8.42 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Unclassified	Total	% of Canada
			'000's			
Male						
1985	35	14	13	10	205	27.3
1984	41	14	15	11	229	28.6
1983	44	15	18	12	271	31.5
1982	40	16	16	9	252	32.4
1981	26	9	11	8	154	31.2
1980	29	10	8	8	157	33.0
1979	27	9	8	8	141	31.4
1978	31	10	9	9	151	30.2
1977	28	10	9	7	142	30.0
1976	23	7	8	6	121	30.0
1975	23	8	8	12	126	32.2

Table 8.42 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Female						
1985	30	46	14	36	6	20
1984	29	52	16	42	6	20
1983	24	53	20	46	7	23
1982	22	47	16	42	6	30
1981	15	33	12	32	4	19
1980	13	36	13	29	5	21
1979	16	34	11	30	5	17
1978	18	41	12	27	4	19
1977	16	38	12	27	...	20
1976	18	33	11	21	...	15
1975	14	29	10	18	...	18

Table 8.42 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Unclassified	Total	% of Canada
			'000's			
Female						
1985	. . .	. . .	6	18	180	31.1
1984	. . .	. . .	5	21	194	32.4
1983	. . .	. . .	8	20	203	34.4
1982	. . .	. . .	7	17	189	35.2
1981	. . .	. . .	6	18	139	34.4
1980	. . .	. . .	5	17	140	36.0
1979	. . .	. . .	5	20	137	35.4
1978	. . .	. . .	5	19	147	36.0
1977	. . .	. . .	5	15	136	36.1
1976	. . .	. . .	5	13	119	37.0
1975	. . .	. . .	5	18	116	38.8

Table 8.42 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Total						
1985	54	56	29	63	22	62
1984	55	65	29	72	21	70
1983	51	69	36	81	27	92
1982	43	60	30	69	23	107
1981	27	42	21	49	16	59
1980	24	42	21	48	16	67
1979	27	41	21	46	13	52
1978	32	53	22	47	13	47
1977	28	47	22	44	12	50
1976	29	41	19	33	11	43
1975	23	37	18	30	11	49

Table 8.42 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Unclassified	Total	% of Canada
			'000's			
Total						
1985	35	15	19	28	385	29.0
1984	42	16	20	32	423	30.2
1983	45	17	25	32	474	32.7
1982	41	17	23	26	440	33.5
1981	27	10	16	26	293	32.6
1980	30	11	13	25	297	34.3
1979	27	9	13	28	278	33.3
1978	31	11	14	28	298	32.8
1977	28	11	13	22	278	32.7
1976	23	8	12	20	239	32.9
1975	24	9	13	30	242	35.1

Source: Statistics Canada, *Labour Force Survey*, Special tabulations.

Note: See note, Table 8.41.

Table 8.43 Unemployed by Occupation and Sex, Ontario Compared to Canada, 1981

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Managerial, Administrative & Related						
Officials & Administrators, Government	220	25.9	125	26.3	345	26.0
Other Managers & Administrators	2,870	29.4	1,990	32.1	4,860	30.4
Related	1,255	37.2	1,120	35.4	2,375	36.4
Total	4,345	31.0	3,240	33.0	7,585	31.8
Natural Sciences, Engineering, & Mathematics						
Physical Sciences	450	35.7	185	34.9	635	35.5
Life Sciences	105	11.6	110	20.2	215	14.8
Architects, Engineers, Community Planners	715	36.4	80	33.3	795	36.1
Other Architecture & Engineering	1,030	23.2	270	27.4	1,300	24.0
Mathematics, Statistics, Systems Analysis & Related	285	38.5	185	24.7	470	31.5
Total	2,585	27.8	830	27.2	3,415	27.6
Social Sciences & Related						
Social Sciences	150	31.9	255	37.2	425	35.1
Social Work & Related	625	26.2	1,810	30.7	2,435	29.4
Law & Jurisprudence	210	50.0	155	35.2	365	42.4
Library, Museum & Archival Sciences	80	25.4	265	26.4	345	26.1
Other	35	38.9	135	47.4	170	45.3
Total	1,100	29.9	2,625	31.6	3,725	31.1
Religion	75	35.7	40	36.4	115	35.9
Teaching & Related						
University & Related	525	37.9	450	30.5	975	34.1
Elementary & Secondary School & Related	390	22.8	1,970	26.5	2,360	25.8
Other	385	22.6	880	26.4	1,265	25.1
Total	1,300	27.1	3,295	26.9	4,595	27.0
Medicine & Health						
Health Diagnosing & Treating	90	33.3	85	29.3	175	31.3
Nursing, Therapy & Related Assisting	270	17.6	3,560	33.3	3,830	31.3
Other	255	39.8	1,150	36.3	1,405	36.9
Total	615	25.2	4,800	33.9	5,415	32.6
Artistic, Literary, Recreational & Related						
Fine & Commercial Art, Photography & Related	385	28.3	520	29.2	905	28.8
Performing & Audio-Visual Arts	665	26.9	390	33.5	1,055	29.0
Writing	245	30.8	345	33.0	590	32.1
Sports & Recreation	805	24.2	600	27.4	1,405	25.5
Total	2,110	26.5	1,855	30.0	3,965	28.0

Table 8.43 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Clerical & Related						
Stenographic & Typing	100	29.4	6,955	28.7	7,055	28.8
Bookkeeping, Account-Recording & Related	1,600	28.5	11,985	31.9	13,585	31.4
Office Machine & Electronic Data Processing Operators	270	36.5	1,440	36.5	1,710	36.5
Material Recording, Scheduling & Distributing	3,650	33.8	1,710	38.1	5,360	35.1
Library, File & Correspondence Clerks & Related	225	27.3	1,220	34.6	1,445	33.2
Reception, Information, Mail & Message Distribution	935	28.4	3,860	32.2	4,795	31.4
Other	1,275	27.7	5,090	32.5	6,365	31.4
Total	8,055	30.7	32,260	31.8	40,315	31.6
Sales						
Commodities	5,260	28.2	8,875	32.3	14,135	30.7
Services	620	33.6	590	40.3	1,210	36.6
Other	295	23.9	205	31.3	500	26.5
Total	6,170	28.4	9,665	32.7	15,835	30.9
Service						
Protective	2,535	25.7	890	28.2	3,425	26.3
Food & Beverage Preparation & Related	3,860	27.1	11,685	29.2	15,545	28.6
Lodging & Other Accommodation	370	31.0	1,185	28.4	1,555	29.0
Personal	330	23.7	2,845	26.9	3,175	26.5
Apparel & Furnishings	200	26.1	705	30.7	905	29.6
Other	4,970	29.3	3,605	31.4	8,575	30.2
Total	12,260	27.6	20,920	29.2	33,180	28.6
Farming, Horticultural & Animal Husbandry						
Farmers	140	34.1	40	38.1	180	35.0
Other	3,430	28.1	2,550	41.4	5,980	32.5
Total	3,575	28.3	2,585	41.2	6,160	32.6
Fishing, Trapping & Related	70	1.3	10	1.8	80	1.4
Forestry & Logging	1,550	9.0	330	27.7	1,880	10.2
Mining & Quarrying Including Oil & Gas Field	995	14.0	30	15.8	1,025	14.0
Processing						
Mineral Ore Treating	150	26.5	5	14.3	155	25.8
Metal Processing & Related	1,520	41.4	215	62.3	1,735	43.2
Clay, Glass & Stone Processing, Forming & Related	345	28.8	120	47.1	465	32.0
Chemicals, Petroleum, Rubber, Plastic & Related	460	30.1	325	43.6	785	34.5
Food, Beverage & Related	1,740	18.9	2,205	18.4	3,945	18.6
Wood, Except Pulp & Papermaking	415	8.9	105	27.3	520	10.3
Pulp & Papermaking & Related	325	16.5	110	42.3	435	19.5
Textile	265	16.2	710	29.0	975	23.9
Other	170	43.0	185	66.1	355	52.6
Total	5,390	21.7	3,975	23.7	9,365	22.5

Table 8.43 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Machining & Related						
Metal	1,405	43.5	350	66.7	1,755	46.7
Metal Shaping & Forming, Except Machining	4,145	37.9	840	70.6	4,985	41.1
Wood	190	19.4	35	33.3	225	20.7
Clay, Glass, Stone & Related Materials	155	32.6	45	37.5	200	33.6
Other	310	34.8	125	58.1	435	39.4
Total	6,205	37.6	1,385	64.4	7,590	40.7
Product Fabricating, Assembling & Repairing						
Metal Products, n.e.c.	3,885	66.8	1,095	75.8	4,980	68.5
Electrical, Electronic & Related	1,300	37.6	1,285	59.5	2,585	46.0
Wood Products	490	18.3	230	42.6	720	22.4
Textile, Fur & Leather Products	745	24.8	3,505	24.4	4,250	24.4
Rubber, Plastic & Related Products	750	43.0	555	58.4	1,305	48.4
Mechanics & Repairers, n.e.c.	3,990	27.0	145	40.3	4,135	27.3
Other	1,590	34.9	955	45.3	2,545	38.2
Total	12,750	35.4	7,770	35.4	20,520	35.4
Construction Trades						
Excavating, Grading, Paving & Related	1,940	16.5	45	18.4	1,985	16.6
Electrical Power, Lighting & Wire Communications Equipment Erecting, Installing & Repairing	1,555	21.5	75	39.5	1,630	22.2
Other	13,295	25.7	380	25.4	13,675	25.7
Total	16,795	23.8	495	25.6	17,290	23.8
Transport Equipment Operating						
Air	75	17.0	5	7.1	80	15.7
Railway	320	32.0	20	33.3	340	32.1
Water	385	18.4	40	50.0	425	19.5
Motor	5,555	23.8	630	38.8	6,185	24.8
Other	305	33.9	10	66.7	315	34.4
Total	6,635	23.9	700	37.8	7,335	24.8
Material Handling & Related, n.e.c.	4,545	29.1	3,150	43.3	7,695	33.6
Other Crafts & Equipment Operating						
Printing & Related	590	28.3	785	37.9	1,375	33.1
Stationary Engine & Utilities Equipment & Related	265	18.7	20	26.7	285	19.1
Electronic & Related Communications Equipment, n.e.c.	110	23.7	65	44.8	175	28.7
Other Crafts & Equipment, n.e.c.	100	33.9	90	24.7	190	28.8
Total	1,070	25.1	955	36.0	2,025	29.2
Occupations, n.e.c.	4,440	31.2	1,460	50.9	5,900	34.5
All Occupations	102,650	26.5	102,375	31.8	205,025	28.9

Source: Statistics Canada, *Census of Canada, Worked since January 1, 1980, Occupation by Labour Force and Work Activity*, (92-919).

Note: Data are for experienced labour force. Excluded are those unemployed who had not worked in 1980 or from January 1, 1981 to June 1, 1981, and those who have never worked.

Table 8.44 Unemployed by Duration of Unemployment, Ontario, Annual Averages, 1976 to 1985

Year	4 Weeks or Less	5 – 13 Weeks	14 Weeks & Over	Other	Total	% of Canada
			'000's			
1985	115	110	151	9	385	29.0
1984	121	115	177	9	423	30.2
1983	113	127	224	10	474	32.7
1982	129	140	162	10	440	33.5
1981	102	88	93	9	293	32.6
1980	101	92	95	9	297	34.3
1979	94	86	90	8	278	33.3
1978	90	92	106	9	298	32.8
1977	87	92	91	9	278	32.7
1976	81	79	70	9	239	32.9

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Note: Other includes persons with a job to start within four weeks of the reference week who had not actively looked for work in the past four weeks, but who were available for work in the reference week.

Table 8.45 Unemployment Rate, Ontario and Other Provinces, Selected Years, Annual Averages, 1946 to 1985

Year	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
			percent			
1985	8.0	21.3	13.2	13.8	15.2	11.8
1984	9.1	20.5	12.8	13.1	14.9	12.8
1983	10.4	18.8	12.2	13.2	14.8	13.9
1982	9.8	16.8	12.9	13.2	14.0	13.8
1981	6.6	13.9	11.2	10.2	11.5	10.3
1980	6.8	13.3	10.6	9.7	11.0	9.8
1979	6.5	15.1	11.2	10.1	11.1	9.6
1978	7.2	16.2	9.8	10.5	12.5	10.9
1977	7.0	15.5	9.8	10.6	13.2	10.3
1976	6.2	13.3	9.6	9.5	11.0	8.7
1975	6.3	14.0	8.0	7.7	9.8	8.1
1974	4.4	13.0	. . .	6.8	7.5	6.6
1973	4.3	10.0	. . .	6.6	7.7	6.8
1972	5.0	9.2	10.8	7.0	7.0	7.5
1971	5.4	8.4	. . .	7.0	6.1	7.3
1966	2.6	5.8	. . .	4.7	5.3	4.1
1961	5.5	19.5	. .	8.1	10.5	9.2
1956	2.4	6.5	. .	4.3	7.8	5.0
1951	1.7	7.8	. .	4.3	2.4	2.9
1946	2.8	. .	. .	. .	. .	4.0

Table 8.45 (cont'd.)

Year	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
			percent		
1985	8.1	8.1	10.1	14.2	10.5
1984	8.3	8.0	11.2	14.7	11.3
1983	9.4	7.4	10.8	13.8	11.9
1982	8.5	6.2	7.7	12.1	11.0
1981	5.9	4.7	3.8	6.7	7.5
1980	5.5	4.4	3.7	6.8	7.5
1979	5.3	4.2	3.9	7.6	7.4
1978	6.5	4.9	4.7	8.3	8.3
1977	5.9	4.5	4.5	8.5	8.1
1976	4.7	3.9	4.0	8.6	7.1
1975	4.5	2.9	4.1	8.5	6.9
1974	3.6	2.8	3.5	6.2	5.3
1973	4.6	3.5	5.3	6.7	5.5
1972	5.4	4.4	5.6	7.8	6.2
1971	5.7	3.5	5.7	7.2	6.2
1966	2.8	1.5	2.5	4.6	3.4
1961	5.0	4.1	4.7	8.5	7.1
1956	3.0	2.4	1.5	2.8	3.4
1951	2.3	1.3	1.4	3.5	2.4
1946	. .	. .	. .	3.9	3.4

Sources: Statistics Canada, *The Labour Force*. (71-001).
Historical Labour Force Statistics. (71-201).
Special tabulations.

Note: Canada includes Newfoundland data beginning in 1950.

Table 8.46 Unemployment Rate by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1985

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			percent			
Male						
1985	18.1	12.9	6.1	5.2	. . .	7.6
1984	19.2	14.5	7.1	6.0	. . .	8.7
1983	21.8	19.3	8.6	6.6	. . .	10.4
1982	22.3	17.7	7.6	6.2	. . .	9.7
1981	16.0	11.4	4.1	3.4	. . .	6.0
1980	17.1	9.7	4.7	3.6	. . .	6.2
1979	15.2	9.2	3.9	3.5	. . .	5.6
1978	17.6	10.3	4.2	3.9	. . .	6.1
1977	15.7	11.1	4.0	3.7	. . .	5.9
1976	14.9	8.9	3.7	2.8	. . .	5.1
1975	14.4	9.2	3.9	3.2	. . .	5.4
1974	10.3	6.8	2.9	2.7	. . .	4.0
1973	10.0	7.5	2.9	2.8	. . .	4.1
1972	13.3	8.9	3.4	3.9	. . .	5.1
1971	15.8	9.2	3.7	4.2	4.6	5.5
1966	7.5	3.6	1.8	2.3	3.7	2.6
1961	13.2	9.6	5.4	5.6	5.6	6.3
1956	5.8	3.8	2.2	2.5	. . .	2.8
1951	. .	. .	. .	. .	. .	1.7
1946	. .	. .	. .	. .	. .	3.0
Female						
1985	13.4	10.2	8.3	6.5	. . .	8.6
1984	15.3	12.3	8.9	7.1	. . .	9.6
1983	17.3	13.8	9.2	7.4	. . .	10.3
1982	17.0	13.1	8.7	6.7	. . .	9.8
1981	14.7	8.5	6.7	4.6	. . .	7.4
1980	14.6	9.9	6.7	4.9	. . .	7.7
1979	14.8	9.3	7.1	4.7	. . .	7.8
1978	16.0	10.2	8.3	5.4	. . .	8.8
1977	15.4	11.3	7.5	5.6	. . .	8.6
1976	14.5	8.6	7.4	4.8	. . .	7.8
1975	13.9	8.8	6.9	5.7	. . .	7.8
1974	8.7	6.0	3.7	2.4	. . .	4.4
1973	9.0	5.6	3.2	2.4	. . .	4.2
1972	9.7	5.7	3.3	2.9	. . .	4.4
1971	11.5	5.9	3.4	3.0	. . .	4.8
1966	6.1	2.6	1.8	1.4	. . .	2.3
1961	8.0	. . .	2.4	2.1	. . .	3.2
1956	. . .	. . .	. . .	. . .	. . .	1.3
1951	. .	. .	. .	. .	. .	1.8
1946	. .	. .	. .	. .	. .	2.2

Table 8.46 (cont'd.)

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			percent			
Total						
1985	15.8	11.6	7.1	5.7	. . .	8.0
1984	17.3	13.5	7.9	6.4	. . .	9.1
1983	19.6	16.7	8.9	6.9	. . .	10.4
1982	19.7	15.6	8.1	6.4	. . .	9.8
1981	15.4	10.0	5.2	3.9	. . .	6.6
1980	15.9	9.8	5.5	4.1	. . .	6.8
1979	15.0	9.2	5.2	4.0	. . .	6.5
1978	16.8	10.2	5.8	4.5	. . .	7.2
1977	15.6	11.2	5.3	4.4	. . .	7.0
1976	14.7	8.8	5.1	3.5	. . .	6.2
1975	14.2	9.0	5.0	4.0	4.7	6.3
1974	9.5	6.5	3.1	2.6	. . .	4.1
1973	9.8	6.6	3.0	2.7	. . .	4.1
1972	11.6	7.6	3.4	3.6	. . .	4.8
1971	13.9	7.8	3.6	3.8	. . .	5.3
1966	6.9	3.2	1.8	2.0	3.3	2.5
1961	10.9	7.2	4.6	4.8	5.5	5.5
1956	4.3	3.2	2.0	2.2	. . .	2.4
1951	. .	. .	. .	. .	. .	1.7
1946	. .	. .	. .	. .	. .	2.8

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Note: See notes, Table 8.28.

Table 8.47 Unemployment Rate by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1985

Year	Male		Female		Total	
	Married	Not Married	Married	Not Married	Married	Not Married
			percent			
1985	4.7	13.5	8.2	9.3	6.1	11.4
1984	5.7	14.9	9.0	10.5	7.1	12.8
1983	7.1	17.6	9.6	11.3	8.1	14.6
1982	6.6	16.7	8.9	11.2	7.5	14.0
1981	3.5	11.2	6.7	8.4	4.8	9.9
1980	3.8	11.5	6.8	9.2	5.0	10.4
1979	3.4	10.7	7.1	9.0	4.8	9.9
1978	3.6	12.3	8.3	9.7	5.3	11.1
1977	3.5	12.0	8.2	9.3	5.2	10.7
1976	3.1	10.5	7.2	8.7	4.6	9.7
1975	3.5	10.5	7.7	8.1	5.0	9.4
1974	2.6	8.0	3.5	5.8	2.9	7.0
1973	2.5	. .	3.2	5.7	2.7	7.1
1972	3.1	10.9	3.4	5.8	3.2	8.7
1971	3.6	11.3	3.6	6.5	3.6	9.2
1966	1.8	. .	1.7	. .	1.8	. .

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).
Special tabulations.

Notes: 1. See Table 8.30, note 2.
2. See Table 8.28, note 2.

Table 8.48 Unemployment Rate by Sex and Family Status, Ontario, Annual Averages, 1975 to 1985

	Family Members						
Year	Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
				percent			
Male							
1985	4.7	5.3	16.0	12.8	7.3	10.0	7.6
1984	5.6	7.7	17.6	16.3	8.5	10.2	8.7
1983	7.0	6.0	20.4	22.5	10.1	12.6	10.4
1982	6.6	6.4	20.8	16.7	9.6	10.5	9.7
1981	3.5	...	14.3	11.0	5.9	6.7	6.0
1980	3.7	...	14.4	11.5	6.1	7.3	6.2
1979	3.3	...	13.2	11.1	5.4	6.8	5.6
1978	3.5	...	14.8	12.6	5.8	8.5	6.1
1977	3.4	...	14.1	13.8	5.6	8.2	5.9
1976	2.9	...	12.7	11.5	4.9	6.9	5.1
1975	3.5	...	11.8	11.1	5.1	8.2	5.4
Female							
1985	10.4	8.1	10.9	9.9	9.0	6.0	8.6
1984	11.1	9.0	12.2	12.9	10.0	6.4	9.6
1983	11.9	9.6	13.8	13.3	10.9	6.6	10.3
1982	12.1	8.8	13.5	15.0	10.3	6.3	9.8
1981	8.1	6.6	11.2	8.2	7.7	5.2	7.4
1980	10.3	6.7	11.6	8.9	8.1	5.2	7.7
1979	9.2	7.1	12.1	8.6	8.3	4.9	7.8
1978	10.1	8.2	12.7	7.9	9.3	6.1	8.8
1977	8.5	8.2	12.6	10.2	9.1	5.5	8.6
1976	7.9	7.3	11.9	8.5	8.3	4.7	7.8
1975	8.5	7.7	10.9	...	8.4	4.6	7.8
Total							
1985	5.5	7.8	13.8	11.5	8.0	8.1	8.0
1984	6.2	8.9	15.3	14.7	9.1	8.5	9.1
1983	7.6	9.3	17.6	18.3	10.5	9.8	10.4
1982	7.1	8.7	17.7	15.9	9.9	8.5	9.8
1981	3.9	6.5	13.0	9.7	6.6	6.1	6.6
1980	4.3	6.7	13.3	10.3	6.9	6.3	6.8
1979	3.8	7.0	12.7	10.0	6.6	5.9	6.5
1978	4.0	8.2	14.0	10.5	7.2	7.4	7.2
1977	3.7	8.1	13.5	12.2	7.0	6.9	7.0
1976	3.2	7.3	12.4	10.2	6.2	5.8	6.2
1975	3.8	7.7	11.4	9.1	6.3	6.4	6.3

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Note: See note, Table 8.32.

Table 8.49 Unemployed Youth and Other by Looking/Not Looking for Work, Ontario, Annual Averages, 1976 to 1985

	Looked for Work					
Year	1 – 13 Weeks	14 Weeks & Over	On Layoff & Future Starts	Total	Did Not Look For Work	Total Unemployed
			'000's			
15 – 24 Years						
1985	90	39	6	136	7	143
1984	96	50	7	155	7	162
1983	98	74	11	183	9	192
1982	107	58	12	177	10	187
1981	83	34	7	127	10	137
1980	85	34	6	128	9	138
1979	80	32	8	121	8	129
1978	82	38	7	129	8	137
1977	79	37	6	124	8	132
1976	71	25	5	103	8	111
25 & Over						
1985	105	105	12	223	19	241
1984	107	120	14	241	20	261
1983	103	137	16	255	26	282
1982	106	92	18	217	36	253
1981	69	52	13	133	22	155
1980	68	54	12	135	24	160
1979	67	53	11	131	18	149
1978	72	63	10	144	17	161
1977	68	49	10	127	19	146
1976	59	41	5	109	20	129
Total						
1985	194	144	21	359	26	385
1984	203	170	23	396	27	423
1983	201	210	26	438	36	474
1982	214	150	29	393	47	440
1981	152	86	23	261	32	293
1980	154	88	21	264	34	297
1979	147	85	21	252	26	278
1978	153	101	18	273	25	298
1977	147	86	18	251	27	278
1976	130	66	15	211	28	239

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Table 8.50 Unemployed Youth and Other by Activity Prior to Looking for Work, Ontario, Annual Averages, 1975 to 1985

	Looking						
Year	Working	Keeping House	Attending School	Other	Total	Not Looking	Total Unemployed
				'000's			
15 – 24 Years							
1985	79	6	44	7	136	7	143
1984	91	10	46	8	155	7	162
1983	109	10	56	9	183	9	192
1982	111	9	49	8	177	10	187
1981	73	8	40	7	127	10	137
1980	73	8	41	6	128	9	138
1979	68	8	39	5	121	8	129
1978	73	8	44	5	129	8	137
1977	71	10	38	6	124	8	132
1976	52	7	38	5	103	8	111
1975	52	9	33	7	101	9	110
25 & Over							
1985	170	33	7	13	223	19	241
1984	185	37	7	12	241	20	261
1983	199	36	8	12	255	26	282
1982	168	31	5	13	217	36	253
1981	94	27	. . .	9	133	22	155
1980	98	26	4	7	135	24	160
1979	92	28	4	8	131	18	149
1978	103	27	5	9	144	17	161
1977	92	23	4	8	127	19	146
1976	74	24	4	7	109	20	129
1975	68	27	. . .	8	107	26	132
Total							
1985	249	39	51	19	359	26	385
1984	276	46	53	20	396	27	423
1983	308	46	63	21	438	36	474
1982	279	40	54	21	393	47	440
1981	167	35	43	16	261	32	293
1980	171	34	45	13	264	34	297
1979	159	36	43	14	252	26	278
1978	175	35	48	14	273	25	298
1977	164	33	42	14	251	27	278
1976	126	32	41	12	211	28	239
1975	120	36	36	15	208	34	242

Sources: Statistics Canada, *The Labour Force*, *(71-001)*.
Labour Force Annual Averages, *(71-529)*.

Table 8.51 Families With At Least One Unemployed Person by Status of Head and Number of Children, Ontario, Annual Averages, 1975 to 1985

Year	No Children	One Child	Two Children	Three or More Children	Total
			'000's		
Head of Family Unemployed					
1985	31	31	26	16	105
1984	34	35	34	17	120
1983	40	39	41	23	143
1982	40	35	39	21	135
1981	23	19	20	13	74
1980	20	24	22	14	80
1979	20	18	17	13	69
1978	21	21	17	13	72
1977	20	18	16	14	67
1976	16	16	13	12	57
1975	21	16	17	12	67
Head of Family Employed					
1985	41	51	62	39	193
1984	46	52	65	47	211
1983	42	58	70	51	221
1982	38	53	62	57	210
1981	25	40	48	45	158
1980	28	39	46	42	155
1979	28	36	45	45	153
1978	27	38	45	51	162
1977	29	35	41	48	153
1976	25	32	35	43	135
1975	24	28	34	43	129
Total Families					
1985	73	82	88	55	298
1984	80	88	99	64	331
1983	83	97	111	74	365
1982	78	88	101	78	345
1981	48	59	68	58	233
1980	48	63	68	56	235
1979	48	54	62	59	222
1978	49	59	63	64	234
1977	48	52	57	62	220
1976	42	48	48	55	192
1975	45	44	51	56	196

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Note: See note, Table 8.32.

Table 8.52 Flows Into Unemployment by Sex, Ontario, Annual Averages, 1975 to 1985

Year	Job Losers	Job Leavers	Entrants	Re-Entrants: 1 Year or Less	Re-Entrants: More Than 1 Year	Total Unemployed
				'000's		
Male						
1985	124	37	8	24	13	205
1984	147	37	9	22	13	229
1983	184	33	10	26	17	271
1982	170	35	8	26	12	252
1981	88	31	7	20	8	154
1980	95	29	7	18	7	157
1979	82	28	7	17	6	141
1978	81	34	8	21	8	151
1977	83	29	6	17	7	142
1976	63	28	6	20	5	121
1975	62	33	6	20	5	126
Female						
1985	73	40	8	30	29	180
1984	77	41	10	30	36	194
1983	89	36	10	33	36	203
1982	84	36	10	30	29	189
1981	47	32	10	28	23	139
1980	50	31	10	26	23	140
1979	45	29	12	26	25	137
1978	51	33	13	25	24	147
1977	48	30	10	26	22	136
1976	35	29	10	27	19	119
1975	30	28	7	32	18	116
Total						
1985	197	76	16	54	42	385
1984	223	78	20	51	50	423
1983	273	69	21	58	53	474
1982	254	71	18	57	41	440
1981	135	62	17	48	31	293
1980	144	60	17	45	31	297
1979	127	57	19	43	32	278
1978	132	67	21	46	32	298
1977	131	59	17	43	29	278
1976	97	56	15	47	24	239
1975	93	61	13	52	23	242

Sources: Statistics Canada, *The Labour Force*, (71-001).
Labour Force Annual Averages, (71-529).

Table 8.53 Plant Layoffs by Type of Cutback, Ontario, 1981 to 1985

Year	Reduced Operations	Partial Closure	Complete Closure	Total
		number		
Establishments				
1985	44	17	54	115
1984	59	16	47	122
1983^{r}	58	9	53	120
1982^{r}	149	13	73	235
1981^{r}	55	12	45	112
Employees Affected				
1985	6,191	2,015	5,630	13,836
1984	6,957	2,341	5,526	14,824
1983^{r}	10,579	1,076	5,558	17,213
1982^{r}	34,897	1,232	9,918	46,047
1981^{r}	12,164	1,379	5,398	18,941

Source: Ministry of Labour, *Report on Permanent and Indefinite Layoffs in Ontario*

Notes:
1. Data cover plants with permanent and indefinite layoffs (more than 13 weeks) of 50 or more employees since they are required to report to the Ministry of Labour. Data on permanent and indefinite layoffs involving less than 50 employees are not reported. Also excluded are temporary layoffs (duration of 13 weeks or less), and layoffs that can exceed 13 weeks where the employer continues to pay a benefit (or benefits) on behalf of the workers. No information on recalls is available.
2. Reduced operations involve a general cut-back of an establishment's operation.
3. Partial closures involve a permanent cessation of a specific part of an establishment's operation.
4. Complete closures involve a complete or permanent cessation of an establishment's operation.

Table 8.54 Average Weekly Earnings by Industry, Ontario, 1983 to 1985

	Forestry		Mines, Quarries & Oil Wells		Manufacturing		Construction	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$		$		$		$	
1985	568.19	104.1	649.32	93.0	503.84	103.2	499.15	99.0
1984	538.90	99.4	607.81	91.5	476.78	102.4	475.48	96.8
1983	511.51	99.0	560.39	89.5	450.24	102.2	461.77	94.6

Table 8.54 (cont'd.)

	Transportation, Communication & Other Utilities		Trade		Finance, Insurance & Real Estate	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$		$		$	
1985	539.28	99.9	302.68	99.5	449.10	103.9
1984	520.94	99.9	291.94	99.5	432.40	103.5
1983	496.38	99.2	277.57	98.2	407.45	102.1

Table 8.54 (cont'd.)

Year	Community, Business & Personal Service		Public Administration		Industrial Aggregate	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$		$		$	
1985	358.94	100.5	530.70	100.7	423.20	101.0
1984	339.20	98.3	516.81	100.8	404.57	99.9
1983	324.42	97.2	493.93	100.7	386.20	98.9

Source: Statistics Canada, *Employment, Earnings and Hours*, (72-002).

Notes: 1. Effective with the April 1983 reference month, Statistics Canada's Survey of Employment, Payrolls and Hours, (SEPH), was completely revised. The major changes are: the survey now includes firms of all sizes; it covers all industries except agriculture, fishing and trapping, household services, religious organizations, and the military personnel; it uses the 1970 version of the Standard Industrial Classifcation rather than the 1960 version. Because of these changes, these data are not comparable to data produced on employment, payrolls and hours prior to April 1983.

2. Data for 1983 cover March 1983 to December 1983 inclusive.

3. Industrial Aggregate represents the sum of all the industries included in the revised SEPH survey. Prior to April 1983, there was an aggregate entitled Industrial Composite which covered all sectors except agriculture, government, defence, hospitals, schools, religion, household services, and fishing, trapping and hunting; in addition, only firms with 20 or more meployees were surveyed. Since the Industrial Aggregate provides much fuller coverage of the economy, both by industry and by size of employer than did the Industrial Composite, the Industrial Composite was discontinued as regular SEPH output. However, a special synthetic series approximating the old Industrial Composite was produced monthly until December 1985.

Table 8.55 Average Weekly Hours and Average Hourly Earnings in Manufacturing, Ontario and Canada, 1983 to 1985

Year	Ontario	Canada	Ontario	Canada
	hours		dollars	
1985	39.8	38.8	11.61	11.59
1984	39.2	38.5	11.17	11.16
1983	39.3	38.4	10.53	10.59

Source: Statistics Canada, *Employment, Earnings and Hours*, (72-002).

Notes: 1. Data are for employees paid by the hour.

2. See Table 8.54, notes 1 and 2.

Table 8.56 Average Weekly Earnings, Industrial Composite, Ontario Compared to Canada, Selected Years, 1961 to 1985

Year	Industrial Composite	
	Ontario	% of Canada
	$	
1985	455.32	99.5
1984	435.69	98.6
1983	411.73	98.1
1982	381.88	97.7
1981	347.92	97.9
1980	311.45	98.1
1979	285.57	99.0
1978	264.04	99.5
1977	249.46	99.8
1976	228.72	100.3
1975	204.85	100.7
1974	181.43	101.9
1973	165.70	103.3
1972	154.92	103.8
1971	143.04	103.9
1966	99.40	103.2
1961	81.30	103.9

Source: Statistics Canada, *Employment, Earnings and Hours*, (72-002).

Notes: 1. See Table 8.54, notes 1 and 3.

2. Because of changes in coverage, survey procedures, question wording and other factors that accompanied the survey revisions in April 1983, it was not possible to exactly reproduce the industrial composite. However, in the data series which was constructed, the average weekly earnings for Canada and provinces normally differ from previous data by one percent or less.

Table 8.57 Paid Jobs and Average Hourly Earnings by Age and Sex, Ontario, December 1984

	Persons Employed in a Paid Job			Average Hourly Earnings		
	Male	Female	Total	Male	Female	Total
		'000's			dollars	
15 – 24 Years	434	422	856	7.41	6.25	6.87
25 & Over	1,594	1,266	2,861	12.80	9.39	11.43
Total	2,029	1,688	3,717	11.84	8.70	10.55

Source: Statistics Canada, *The Labour Force*, (71-001).

Notes: 1. Data are derived from the Survey of Union Membership (SUM), conducted as a Labour Force Survey Supplement in December 1984.

2. Respondents include persons who were employed at a paid job during the LFS reference week of December 9 – 15, 1984. In the case of multiple jobholders, coverage in the SUM depended on the nature of their main job. If they were paid workers in their main job, that job alone was enumerated.

3. Tabulations exclude working owners of incorporated businesses.

Table 8.58 Minimum Hourly Wages, Ontario, Selected Years, 1966 to 1984

Year	Effective Date	General Workers	Construction Workers	Students
			dollars	
1984	October 1	4.00	4.25	3.15
	March 1	3.85	4.10	3.00
1981	October 1	3.50	3.75	2.65
	March 31	3.30	3.55	2.45
1979	January 1	3.00	3.25	2.15
1978	August 1	2.85	3.15	2.15
1976	March 15	2.65	2.90	2.15
1971	April 1	1.65	1.90	1.30
1966	December 27/65	1.00	1.25	0.80

Source: Ministry of Labour, Research Branch.

Note: Zones and sex in regard to minimum wage were eliminated as of December 27, 1965. Since February 1, 1973, the student minimum wage has applied only to students under 18 years of age; there was no age restriction prior to this date.

Table 8.59 Membership of Reporting National Labour Organizations by Affiliation, Ontario, 1971 to 1983

Year	CLC	CNTU	PSAC/ CLC	CCU	Unaf- filiated	Independent Local Unions	Total	% of Canada
				number				
1983	307,211	–	–	6,822	279,446	4,521	598,000	30.3
1982	235,361	69	73,036	. .	172,107	–	480,573	29.6
1981	228,529	70	72,126	. .	166,467	–	467,192	29.0
1980	190,956	140	66,546	. .	170,229	–	427,871	27.8
1979	185,056	302	70,853	. .	153,029	–	409,240	28.0
1978	169,245	267	72,434	. .	148,850	–	390,796	27.9
1977	170,572	193	71,299	. .	133,640	–	375,704	28.7
1976	162,299	185	67,727	. .	106,962	–	337,173	26.7
1975	153,050	187	66,766	. .	108,736	–	328,739	26.8
1974	133,809	151	61,706	. .	113,101	–	308,767	25.8
1973	117,220	115	56,028	. .	98,482	–	271,845	25.6
1972	110,080	110	59,439	. .	93,314	–	262,943	28.1
1971	99,589	150	58,283	. .	89,658	–	247,680	25.8

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, Part II - Labour Unions, (71-202).*

Notes:
1. CLC – Canadian Labour Congress.
2. CNTU – Confederation of National Trade Unions.
3. PSAC – Public Service Alliance of Canada. As of 1983, membership no longer reported separately but included with CLC.
4. CCU – Confederation of Canadian Unions. Previously reported as Unaffiliated.
5. Independent Local Unions – Independent local organizations reporting for the first time under the amended legislation.
6. Data include government employees' organizations.

Table 8.60 Membership of Reporting International Labour Organizations by Affiliation, Ontario, 1971 to 1983

Year	AFL-CIO/ CLC	AFL-CIO/ CFL	AFL-CIO Only	CLC Only	Unaffiliated	Total	% of Canada
	number						
1983	474,843	68,834	45,008	3,050	31,593	623,328	44.0
1982	357,216	70,774	58,406	98,778	30,034	615,208	43.1
1981	518,118	. . .	751	100,615	36,475	656,022	42.4
1980	518,477	. . .	888	124,923	37,672	681,960	43.9
1979	530,990	. . .	1,184	139,533	35,414	707,121	44.9
1978	509,050	. . .	4,451	140,700	31,384	685,585	44.9
1977	507,775	. . .	5,739	137,166	31,049	681,729	45.0
1976	509,336	. . .	9,758	130,341	30,697	680,132	44.9
1975	521,451	. . .	. .	129,761	31,712	682,924	45.2
1974	514,925	. . .	414	130,129	31,289	676,757	45.5
1973	517,888	. . .	379	134,950	30,443	683,660	45.1
1972	508,466	. . .	392	101,333	47,850	658,041	45.6
1971	498,833	. . .	404	97,548	52,990	649,775	45.9

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, Part II – Labour Unions*, (71-202).

Notes: 1. AFL – American Federation of Labour.
2. CIO – Congress of Industrial Organizations.
3. See Table 8.59, note 1.
4. The Canadian Federation of Labour (CFL) is a new congress which was formed in 1982 following the suspension by the CLC in 1981 of 12 building trades affiliates.

Table 8.61 Distribution of Collective Agreements of All Reporting Labour Organizations, Ontario, 1971 to 1983

Year	International Unions		National Unions		Government Employees Organizations		Total	
	Agreements	Locals	Agreements	Locals	Agreements	Locals	Agreements	Locals
	number							
1983	5,253	1,698	2,568	1,770	366	1,046	8,187	4,514
1982	5,061	1,771	2,178	1,423	133	1,040	7,372	4,234
1981	5,067	1,840	2,022	1,325	169	1,038	7,258	4,203
1980	5,709	1,881	1,820	1,232	168	1,023	7,697	4,136
1979	5,831	1,940	1,693	1,175	168	1,030	7,692	4,145
1978	5,913	1,938	1,567	1,182	166	1,001	7,646	4,121
1977	5,769	1,954	1,636	1,113	163	998	7,568	4,065
1976	5,766	1,981	1,377	914	164	1,000	7,307	3,895
1975	5,889	1,992	1,269	863	164	976	7,322	3,831
1974	6,195	2,000	1,087	763	160	1,144	7,442	3,907
1973	5,677	2,068	856	689	147	1,114	6,680	3,871
1972	6,351	2,129	809	656	36	1,036	7,196	3,821
1971	7,243	2,163	744	635	33	897	8,020	3,695

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, Part II – Labour Unions*, (71-202).

Notes: 1. Agreements are collective bargaining agreements reported under the Corporations and Labour Unions Returns Act.
2. Locals are local union branches affiliated to labour organizations reporting under the Act.

Table 8.62 Strikes and Lockouts, Ontario, Selected Years, 1961 to 1984

Year	Strikes & Lockouts	Employees Involved	Duration of Strikes/Lockouts: Person Days	Duration of Strikes/Lockouts: % of Canada
	number		'000's	
1984	209	79,586	1,414.3	36.5
1983	200	29,957	760.1	17.1
1982	215	89,044	2,207.0	38.0
1981	243	74,731	2,258.6	25.4
1980	268	80,014	1,676.1	18.6
1979	308	106,629	2,529.1	32.3
1978	276	121,771	2,970.4	40.2
1977	243	83,250	1,109.0	32.4
1976	279	109,527	1,654.8	15.6
1975	359	124,773	3,175.3	29.1
1974	339	117,419	2,628.0	28.4
1973	204	108,469	1,694.2	29.3
1972	188	68,590	2,072.8	26.7
1971	205	79,726	1,366.8	47.7
1966	297	121,110	1,356.1	26.2
1961	166	39,817	644.8	48.3

Sources: Labour Canada, *Strikes and Lockouts in Canada.*
Ministry of Labour, Research and Analysis Branch.

Table 8.63 Firms and Employment by Industry, Ontario, 1978 and 1984

Year	Primary: Firms	Primary: Employment	Mines, Quarries & Oil Wells: Firms	Mines, Quarries & Oil Wells: Employment	Manufacturing: Firms	Manufacturing: Employment	Construction: Firms	Construction: Employment
				number				
1984	15,329	26,213	764	38,257	18,920	982,206	28,751	153,930
1978	14,186	23,150	755	38,446	17,218	977,843	29,398	157,452

Table 8.63 (cont'd.)

Year	Transportation & Communications: Firms	Transportation & Communications: Employment	Wholesale Trade: Firms	Wholesale Trade: Employment	Retail Trade: Firms	Retail Trade: Employment
				number		
1984	8,778	254,256	17,274	221,084	41,900	501,108
1978	8,152	243,598	15,281	193,907	38,018	431,019

Table 8.63 (cont'd.)

Year	Finance, Insurance & Real Estate: Firms	Finance, Insurance & Real Estate: Employment	Community, Business & Personal Service: Firms	Community, Business & Personal Service: Employment	Total (excluding Public Administration): Firms	Total (excluding Public Administration): Employment
				number		
1984	16,785	261,026	91,260	1,164,462	264,411	3,628,847
1978	16,380	229,928	72,510	936,877	216,456	3,237,179

Source: Statistics Canada, Business Microdata Integration and Analysis, Special tabulation, June 6 1986.

Notes:
1. Employment is measured in Full-Year Equivalent (FYE) person years. FYE is derived by dividing a firm's payroll by relative average industry/province wage.
2. Unclassified included in Total only.

Chapter 9
Personal Income, Expenditure and Saving

Personal Income, Expenditure and Saving

Statistics on the financial condition of persons cover measures of income, expenditure and saving. The income of individuals can be measured from several different viewpoints depending on what items are included and how the personal sector is defined. None of the standard income measures are able to take into account transactions in the hidden economy, such as barters of goods or services among individuals. Personal income on a national accounting basis is covered in Chapter 11, Economic Overview. Data on income of women are presented in Chapter 5, Women.

Sources of Data

The main sources of data are:

- labour income estimates by Statistics Canada;
- income tax returns compiled by Revenue Canada;
- Statistics Canada's Survey of Consumer Finances;
- Census of Canada;
- Statistics Canada's Family Expenditure Survey.

The Labour Division of Statistics Canada produces monthly labour income estimates, projected from annual benchmarks, using current employment and earnings indicators and historical trends. The most important of these are payroll estimates derived from the monthly Survey of Employment, Payrolls and Hours. Labour income includes both wages and salaries and supplementary labour income, covering all compensation paid to employees residing in Canada. Wages and salaries are estimated before deductions and include income in kind. Not included are earnings received by self-employed persons, business proprietors, farmers, and military pay and allowances. Supplementary labour income includes the employer's share of contributions to unemployment insurance, welfare and pension funds, and workers' compensation. The labour income data shown here may not correspond exactly to the estimates of wages, salaries and supplementary income from the Provincial Accounts (see Chapter 11), since the Provincial Accounts figures include adjustments that are not possible to allocate to individual industries. Monthly and annual data are published in *Estimates of Labour Income. (72-005)*, and are available on CANSIM. The data, released about four months following the reference period, are the most timely source of income data. Further information can be obtained from the Labour Division of Statistics Canada, telephone Ottawa, 990-9900.

Revenue Canada compiles statistics from a sample of tax returns, providing information on sources of income, tax status and income range. For income tax purposes, the following items are excluded: gifts, inheritances, Guaranteed Income Supplements, Veterans' Disability Pensions, Workers' Compensation and other social assistance payments. Since 1972, the tax base has included one-half of realized capital gains, unemployment benefits and scholarships. This source provides an extensive profile of the tax filing populace, but some under-representation may occur in low income groups due to non-filing of tax returns. The data are published annually in *Taxation Statistics*, approximately two years after the reference tax year. Further information can be obtained from Revenue Canada, Taxation, telephone Ottawa, 995-5616.

The Survey of Consumer Finances collects income data, using a sample representative of all families and individuals excluding persons residing on Indian reserves and inmates of institutions. The definition of income used in this survey includes wages and salaries, net income from self-employment, investment income, government transfer payments (all social welfare payments and, commencing with 1981, refundable tax credits), pensions and miscellaneous income such as scholarships and alimony. Income in kind, net gambling receipts, inheritances, net capital gains, sales of property, tax refunds, loans, insurance settlements and tax rebates are not included. The family concept used is the economic family. The data are published annually in *Income Distribution by Size in Canada, (13-207)*. Although final data are released about two years after the reference period, there is a preliminary issue with a lag of less than one year. Related publications are *Income After Tax, Distribution by Size in Canada, (13-210)*, and *Family Incomes, Census Families, (13-208)*. For further information, contact the Consumer Income and Expenditure Sub-Division of Statistics Canada, telephone Ottawa, 990-9775.

Income data from the Census of Canada are based on a sample of returns. In 1981, one in every five census forms collected information on the money income of persons 15 years and older. The definition of income used in the census is virtually identical with the Survey of Consumer Finances. Data are available for individuals, households and census families. Census data are available in published and other forms. For a more complete discussion of the census, see Chapter 3, Population. Further information can be obtained from the Census Operations Division of Statistics Canada, telephone Ottawa, 990-9534.

The Family Expenditure Survey provides data on income as well as expenditures for both urban and rural areas. This sample survey is carried out occasionally, the most recent one referring to 1982. Excluded from the sample are families of representatives of foreign countries, persons in institutions, members of religious orders and communes, and employees living in such arrangements as logging camps. The family is viewed as a spending unit. Persons dependent on a common or pooled income living in the same dwelling, or one financially independent person living alone meet these requirements. To avoid duplication, members of a spending unit temporarily living elsewhere are excluded. Income is composed of wages and salaries, income from self-employment, investment income, government transfer income, and miscellaneous income. Expenditure data are given as averages for all families in the survey, whether or not they report purchases of a particular item. This survey also provides data on net change in assets and liabilities, which can be viewed as a measure of savings. The data are published in *Family Expenditure in Canada*. Further information can be obtained from the Consumer Income and Expenditure Sub-Division of Statistics Canada, telephone Ottawa, 990-9781.

An additional source of data is the Conference Board of Canada which carries out a survey of consumer buying intentions, telephone Ottawa, 526-3280.

Personal Income, Expenditure and Saving

Charts:

9.1 Labour Income by Industry, Ontario, 1973 to 1984
9.2 Total, Taxable and Non-Taxable Income, Ontario, 1973 to 1982
9.3 Sources of Income, Ontario, 1980
9.4 Average Annual Family Income and Expenditure, Ontario and Other Regions of Canada, 1982

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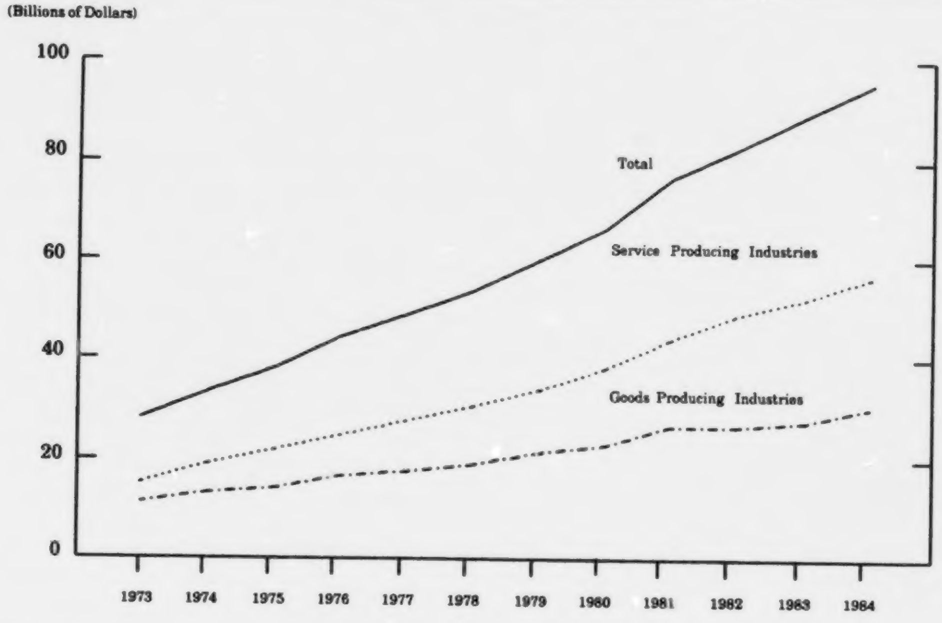
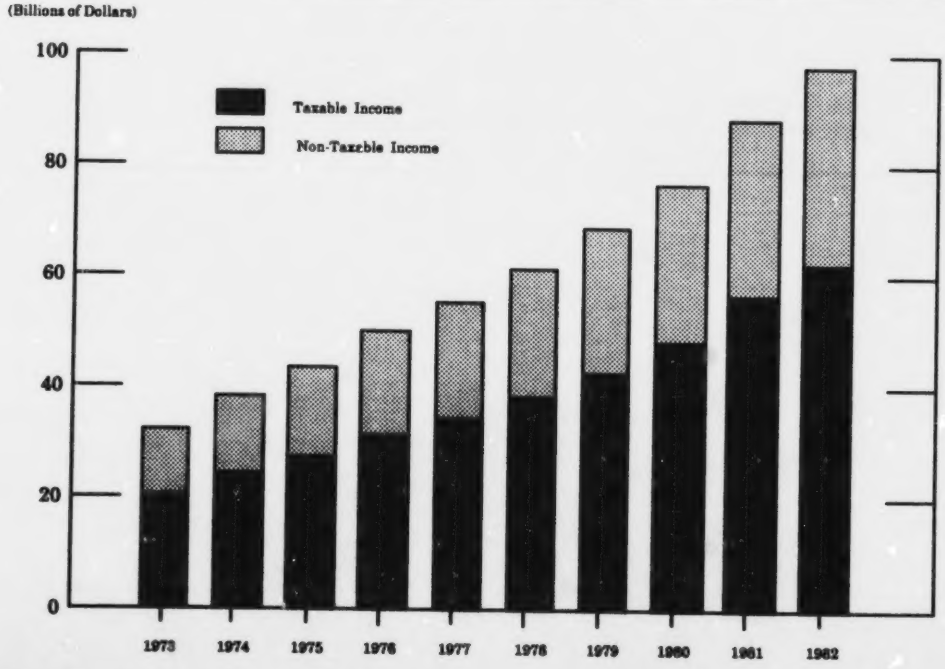
9.25 Average Annual Family Expenditure by Urbanization, Ontario, 1982

Chart 9.1 Labour Income by Industry, Ontario, 1973 to 1984



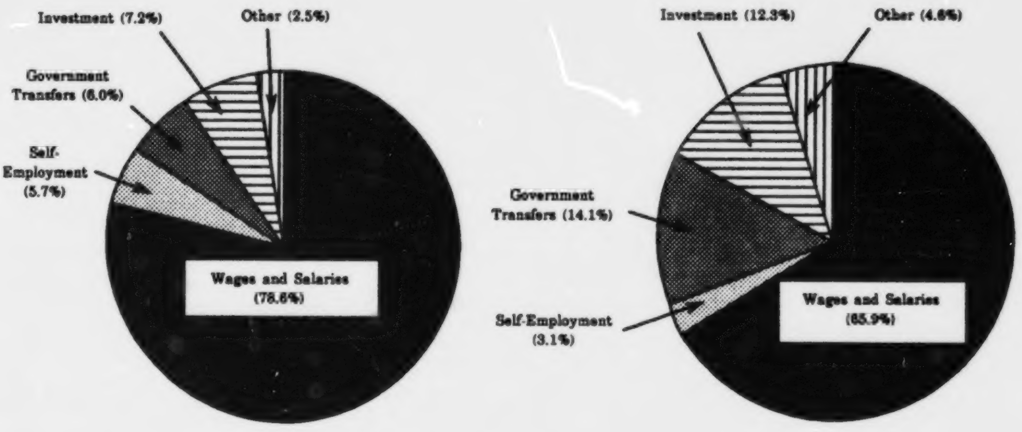
Refer to Table 9.1

Chart 9.2 Total, Taxable and Non-Taxable Income, Ontario, 1973 to 1982



Refer to Table 9.2

Chart 9.3 Sources of Income, Ontario, 1980

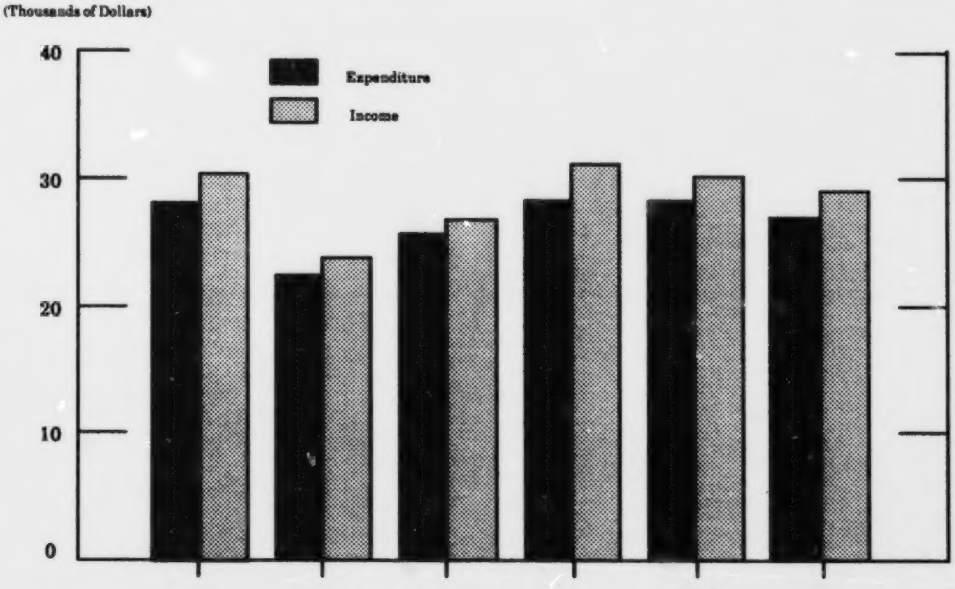


Census Families With Income

Non-Family Persons With Income

Refer to Tables 9.14 and 9.17

Chart 9.4 Average Annual Family Income and Expenditure, Ontario and Other Regions of Canada, 1982



Refer to Table 9.19

Table 9.1 Labour Income by Industry, Ontario, 1971 to 1984

	Service-Producing Industries						Goods-Producing Industries	
Year	Transportation Communication & Other Utilities	Trade	Finance Insurance Real Estate	Community Business & Personal Service	Public Administration	Total	Forestry	Mines Quarries & Oil Wells
				$ millions				
1984	7,864.1	9,978.4	7,441.0	23,618.2	7,759.9	56,661.6	398.8	1,103.4
1983	7,230.2	9,261.7	6,640.5	22,247.2	7,321.5	52,701.1	352.0	1,039.0
1982^{r}	6,889.7	8,831.3	6,159.1	20,506.8	6,668.9	49,055.8	294.0	1,009.4
1981	6,075.2	8,352.8	5,520.8	18,098.7	5,938.4	43,985.9	346.3	1,075.7
1980	5,401.4	7,437.1	4,712.8	15,609.4	5,111.8	38,272.4	308.5	886.5
1979	4,692.4	6,646.7	4,060.9	13,668.0	4,666.7	33,734.6	290.2	680.5
1978	4,160.4	5,934.6	3,501.8	12,344.6	4,403.3	30,344.8	271.5	612.8
1977	3,779.7	5,502.4	3,113.3	11,163.0	4,130.1	27,688.5	233.2	662.5
1976	3,409.4	5,160.5	2,757.5	9,986.7	3,666.5	24,980.5	180.0	622.7
1975	2,943.2	4,601.5	2,410.0	8,425.3	3,251.2	21,631.1	163.4	527.4
1974	2,578.2	3,988.0	2,067.8	6,986.8	2,707.7	18,328.6	166.6	443.0
1973	2,170.1	3,384.7	1,723.6	5,973.8	2,225.2	15,477.5	138.5	373.6
1972	1,910.0	2,978.2	1,369.3	5,370.6	1,955.5	13,583.6	114.4	337.0
1971	1,719.7	2,671.7	1,167.2	4,806.2	1,716.7	12,081.5	110.1	355.9

Table 9.1 (cont'd.)

	Goods-Producing Industries (cont'd.)						
Year	Manufacturing	Construction	Other	Total	Total Wages & Salaries	Supplementary Labour Income	Total
				$ millions			
1984	23,109.8	4,871.7	750.4	30,234.1	86,895.6	8,704.5	95,600.1
1983	21,411.2	4,538.9	707.3	28,048.4	80,749.6	7,975.0	88,724.6
1982^{r}	19,971.5	4,353.8	660.7	26,289.4	75,345.2	7,139.7	82,484.9
1981^{r}	19,704.6	4,605.7	607.9	26,340.2	70,326.1	6,434.7	76,760.8
1980	17,235.2	3,917.1	548.7	22,896.0	61,168.4	5,568.4	66,736.9
1979	15,801.1	3,666.8	494.1	20,932.7	54,667.3	5,212.0	59,879.3
1978	13,832.6	3,600.5	441.7	18,759.1	49,103.9	4,743.8	53,847.6
1977	12,589.9	3,672.9	398.5	17,557.0	45,245.5	3,455.4	48,700.9
1976	11,592.1	3,434.9	339.2	16,168.9	41,149.4	3,013.1	44,162.5
1975	10,087.1	3,235.1	272.2	14,285.2	35,916.3	2,527.5	38,443.8
1974	9,336.9	2,906.5	228.7	13,081.7	31,410.2	2,106.4	33,516.6
1973	8,099.7	2,498.4	220.3	11,330.5	26,808.0	1,727.8	28,535.8
1972	7,076.3	2,063.9	176.9	9,768.5	23,352.2	1,535.7	24,887.9
1971	6,411.8	1,900.9	173.2	8,951.9	21,033.4	1,271.1	22,304.6

Source: Statistics Canada, *Estimates of Labour Income*, (72-005).

Notes: 1. Other includes agriculture, fishing, hunting and trapping.
2. Supplementary Labour Income is payments made by employers for the future benefit of their employees.

Table 9.2 Summary of Taxation Statistics, Ontario and Other Regions of Canada, 1972 to 1982

Year	All Returns	Total Income	Total Exemptions & Deductions	Taxable Income	Income Tax		Contributions to	
					Federal	Provincial	Canada Pension Plan	Unemployment Insurance
	'000's				$ millions			
1982								
Ontario	5,611	98,398	38,346	62,411	10,810	5,633	808	764
Atlantic	1,295	17,051	8,205	9,797	1,542	987	153	146
Quebec	3,780	58,409	25,215	35,559	5,998	2	–	481
West	4,512	81,836	30,842	52,712	9,245	4,393	663	587
Canada	15,221	256,089	102,773	160,732	27,664	11,016	1,636	1,981
Ontario % of Canada	36.9	38.4	37.3	38.8	39.1	51.1	49.4	38.6
Ontario								
1981	5,562	88,664	34,798	56,666	9,592	4,898	744	773
1980	5,466	76,881	31,039	48,525	8,138	4,002	648	510
1979	5,643	69,159	29,342	42,794	7,065	3,501	589	466
1978	5,510	61,691	26,025	38,443	5,997	3,144	519	465
1977	4,995	55,347	22,782	34,349	5,734	2,911	462	425
1976	4,909	50,370	20,516	31,439	5,995	2,045	411	419
1975	4,784	44,235	17,850	27,775	5,315	1,838	361	320
1974	4,662	38,665	15,482	24,371	4,825	1,639	313	270
1973	4,446	32,425	13,007	20,464	4,155	1,383	260	156
1972	4,182	27,980	11,593	17,313	3,695	1,128	236	112

Source: Revenue Canada, *Taxation Statistics.*

Notes:
1. The allocation to provinces is on the basis of the tax filers' place of residence on December 31 of each year.
2. Canada figures include returns of non-residents.
3. Taxable income does not equal total income less exemptions and deductions.
4. Under the Federal-Provincial Fiscal Arrangements Act, the federal government collects personal income taxes for all the provinces (except for Quebec which operates its own tax program). The provinces levy their personal income taxes as a percentage of the basic federal tax. These rates vary from province to province. The Ontario rate in 1981 was 46% of the basic federal tax.
5. In 1977, under the Established Programs, Financing Act, the federal government transferred 9.143 personal income tax points to Ontario for health and post-secondary education.

Table 9.3 Sources of Personal Income Based on Tax Returns, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
Wages & Salaries	66,624	11,558	40,784	54,595	174,082	38.3
Commissions	1,366	130	682	1,090	3,272	41.8
Other Employment Earnings	166	21	119	140	448	36.9
Family Allowance	626	183	443	514	1,770	35.4
Unemployment Insurance Benefits	1,868	991	2,133	1,566	6,562	28.5
Old Age Pension	933	138	375	688	2,136	43.7
CPP or QPP Benefits	831	143	436	581	1,992	41.7
Other Pensions or Superannuation	1,954	388	833	1,344	4,528	43.1
Net Business Income	1,022	209	844	757	2,861	35.7
Net Professional Income	2,148	298	1,191	1,674	5,329	40.3
Net Commission Income	142	29	98	111	380	37.4
Net Farming Income	281	37	110	1,353	1,783	15.8
Net Fishing Income	3	215	16	75	309	1.1
Taxable Dividends	3,733	360	839	3,047	7,990	46.7
Bond Interest	1,294	130	719	801	2,947	43.9
Bank Interest	5,696	692	2,837	4,921	14,164	40.2
Mortgage Interest	480	7	86	189	762	62.9
Income from Trusts	267	20	99	161	548	48.8
Annuity Income	399	33	196	675	1,308	30.5
Other Canadian Investment Income	72	9	38	144	263	27.2
Foreign Investment Income	139	12	52	71	278	50.1
Net Rental Income	–108	–21	–64	–360	–528	20.5
Net Taxable Capital Gains	369	35	170	669	1,248	29.6
Miscellaneous Income	1,544	228	753	1,294	3,847	40.1
Total Income Assessed	91,850	15,844	53,790	76,126	238,280	38.5

Source: Revenue Canada, *Taxation Statistics.*

Note: The allocation of returns by province is on the basis of the tax filer's address at the time of filing.

Table 9.4 Income Distribution Based on Tax Returns, Ontario, 1982

	Taxable Returns				All Returns	
	Number	Total Income	Taxable Income	Total Tax	Number	Total Income
	'000's		$ millions		'000's	$ millions
Under $2,000	0.9	0.8	0.8	--	631.4	197.8
2,000 – 3,999	0.5	1.4	1.4	0.2	360.1	1,076.1
4,000 – 5,999	10.2	58.4	21.2	1.2	381.1	1,907.2
6,000 – 7,999	204.4	1,450.6	584.2	63.8	388.3	2,714.2
8,000 – 9,999	277.5	2,508.6	1,142.8	174.6	375.8	3,377.4
10,000 – 14,999	805.6	10,091.1	5,328.8	1,033.6	859.0	10,705.4
15,000 – 19,999	735.6	12,814.0	7,747.5	1,730.6	742.8	12,937.1
20,000 – 24,999	586.2	13,147.2	8,671.0	2,103.5	590.6	13,245.0
25,000 – 29,999	455.3	12,434.3	8,551.0	2,208.6	458.3	12,516.7
30,000 – 39,999	482.9	16,508.8	11,910.8	3,310.1	486.6	16,636.9
40,000 & Over	349.4	22,834.8	17,491.5	5,799.4	353.4	23,117.0
Total	3,908.5	91,850.0	61,450.9	16,425.6	5,927.3	98,430.9

Source: Revenue Canada *Taxation Statistics.*

Notes: 1. Total Tax refers to both federal and provincial taxes.
2. See note, Table 9.3.

Table 9.5 Income by Occupation Based on Tax Returns, Ontario, 1982

	Taxable Returns				All Returns	
	Number	Total Income	Taxable Income	Total Tax	Number	Total Income
	'000's		$ millions		'000's	$ millions
Employees of Business	2,234.6	50,116.6	33,672.0	9,169.8	2,760.9	52,327.1
Employees of Institutions	236.7	4,790.0	3,076.7	778.5	289.2	5,026.5
Teachers & Professors	119.1	3,968.3	2,792.6	809.4	123.0	3,992.4
Federal Employees	123.4	3,525.9	2,415.3	681.2	132.8	3,564.0
Provincial Employees	121.4	3,308.2	2,273.6	628.4	137.5	3,385.5
Municipal Employees	173.4	4,129.7	2,716.6	713.6	214.3	4,273.2
Armed Forces	23.7	603.6	399.7	108.2	25.7	611.3
Unclassified Employees	83.0	1,414.5	883.5	219.0	159.5	1,677.0
Total	3,115.3	71,856.7	48,230.1	13,108.0	3,842.8	74,857.0
Farmers	32.4	692.1	429.6	94.7	66.7	822.5
Fishermen	0.2	4.9	3.4	0.9	0.2	4.9
Total	32.6	696.9	433.1	95.7	66.9	827.4
Accountants	3.4	188.7	133.4	47.9	4.0	191.4
Medical Doctors & Surgeons	11.1	924.1	723.2	294.9	11.3	927.2
Dentists	3.4	252.4	198.3	79.9	3.6	253.5
Lawyers & Notaries	6.7	444.2	328.9	128.7	7.1	448.0
Engineers & Architects	1.5	62.3	41.4	15.7	1.7	63.5
Entertainers & Artists	4.2	75.0	45.8	11.9	8.6	91.6
Other Professionals	13.0	347.2	232.7	69.9	19.1	380.2
Total	43.2	2,293.9	1,703.6	648.7	55.4	2,355.4
Salesmen	6.5	146.1	93.9	25.4	10.7	163.3
Forestry Operators	0.2	4.9	3.6	0.9	0.6	6.7
Manufacturers	3.0	52.6	30.2	7.1	5.2	58.5
Construction	19.8	351.0	208.6	50.3	30.3	403.9
Public Utilities	10.6	180.2	108.6	25.1	18.4	213.1
Wholesale Traders	2.2	72.1	45.7	15.6	3.3	78.0
Retail Traders	27.3	523.1	328.2	82.2	50.5	592.4
Insurance Agency Operators	0.4	13.4	9.3	3.0	0.5	14.4
Real Estate Agency Operators	0.5	17.1	11.2	3.9	0.7	15.3
Other Finance	1.3	50.8	36.7	13.7	1.9	48.0
Recreational Services Operators	2.1	45.6	31.7	8.3	3.5	51.8
Business Services Operators	2.1	39.5	25.9	6.6	3.9	47.0
Other Service Operators	26.4	473.3	291.4	73.8	52.2	568.9
Other Business Proprietors	3.3	46.7	32.6	7.7	5.4	55.5
Total	99.2	1,870.6	1,163.8	298.1	176.3	2,153.4
Investors	309.3	10,035.9	7,165.6	1,630.2	534.5	11,255.3
Property Owners	17.0	484.0	327.0	98.5	35.2	558.3
Total	326.3	10,519.9	7,492.7	1,728.7	569.7	11,813.5
Pensioners	172.3	3,093.8	1,586.3	354.8	363.9	4,316.7
Unclassified	113.2	1,372.1	747.4	166.3	541.6	1,944.2
Total	3,908.5	91,850.0	61,450.9	16,425.6	5,627.3	98,430.9

Source: Revenue Canada, *Taxation Statistics.*

Notes: 1. See note, Table 9.3.

2. Occupations are classified according to the tax filer's major form of income. For example, doctors earning the major part of their income in the form of salaries are classified as employees. Self-employed persons with professional fees as their principal source of income are classified as professionals.

Table 9.6 Income by Age Groups Based on Tax Returns, Ontario, 1982

	Taxable Returns		All Returns	
	Number	Total Income	Number	Total Income
	'000's	$ millions	'000's	$ millions
Under 18 Years	6.1	84.1	75.5	265.8
18	19.7	179.7	90.6	379.1
19	45.2	468.0	129.0	748.8
20 – 24	468.0	6,632.6	770.3	7,709.2
25 – 29	527.9	10,215.1	714.6	10,752.7
30 – 34	495.5	11,623.1	673.9	12,151.8
35 – 39	449.4	11,740.0	597.0	12,196.7
40 – 44	371.0	10,143.1	483.0	10,505.0
45 – 49	328.4	9,116.1	423.4	9,460.8
50 – 54	327.9	9,192.8	421.5	9,562.0
55 – 59	285.5	7,837.3	369.7	8,163.5
60 – 64	234.5	6,092.9	316.7	6,417.9
65 – 69	140.9	3,501.4	216.3	4,072.8
70 – 75	110.2	2,644.6	177.1	3,159.9
Over 75	98.4	2,378.9	168.1	2,883.2
Not Stated	– –	0.3	0.5	1.7
Total	3,908.5	91,850.0	5,627.3	98,430.9

Source: Revenue Canada, *Taxation Statistics*.

Note: See note, Table 9.3.

Table 9.7 Income Distribution of Economic Families and Unattached Individuals, Ontario and Other Regions of Canada, 1983

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			percent			
Families						
Under $5,000	1.3	1.5	1.3	2.2	2.1	1.6
5,000 – 9,999	4.6	8.5	6.7	4.8	4.0	5.4
10,000 – 11,999	2.[illegible]	6.5	4.3	3.6	4.0	3.7
12,000 – 14,999	5.9	9.9	6.4	6.9	7.0	6.7
15,000 – 16,999	3.6	5.6	4.0	4.3	4.3	4.1
17,000 – 19,999	5.6	7.1	5.7	4.9	5.1	5.6
20,000 – 21,999	3.6	5.0	4.6	3.9	3.0	4.0
22,000 – 24,999	6.1	7.8	7.5	5.2	4.6	6.3
25,000 – 26,999	4.2	4.8	4.9	3.2	4.1	4.3
27,000 – 29,999	6.5	6.1	7.2	6.4	5.9	6.5
30,000 – 31,999	4.3	4.4	4.7	4.3	3.7	4.3
32,000 – 34,999	5.8	3.5	6.0	5.7	5.3	5.6
35,000 – 36,999	4.4	3.0	3.6	3.6	4.3	3.9
37,000 – 39,999	5.5	4.6	5.3	5.8	5.5	5.4
40,000 – 44,999	7.9	5.7	7.8	7.0	8.7	7.6
45,000 – 49,999	6.7	4.1	5.6	6.7	8.2	6.4
50,000 – 59,999	9.1	5.9	7.2	9.6	10.3	8.5
60,000 & Over	12.5	6.0	7.4	11.9	10.0	10.2
Total	100.0	100.0	100.0	100.0	100.0	100.0
			dollars			
Average Income	37,465	28,511	31,937	35,642	36,034	34,748
Median Income	33,002	24,299	28,923	32,149	33,308	30,896
			percent			
Unattached Individuals						
Under $2,000	3.3	5.8	4.3	5.3	4.2	4.2
2,000 – 3,999	6.1	7.3	3.5	3.9	3.7	4.7
4,000 – 4,999	5.0	4.4	6.9	2.9	3.1	4.8
5,000 – 5,999	4.2	5.0	8.2	4.4	3.6	5.2
6,000 – 6,999	6.5	16.0	14.6	8.4	11.0	10.2
7,000 – 7,999	8.7	6.8	7.8	8.2	6.8	8.0
8,000 – 8,999	7.0	6.7	4.9	5.9	9.1	6.5
9,000 – 9,999	4.8	4.2	2.8	3.5	4.1	3.9
10,000 – 11,999	5.3	6.3	8.1	6.8	4.5	6.3
12,000 – 14,999	8.3	8.1	9.1	10.5	7.7	8.8
15,000 – 19,999	12.2	11.8	9.2	12.6	11.0	11.3
20,000 – 24,999	9.5	7.1	6.7	9.8	9.2	8.7
25,000 – 29,999	7.4	6.4	4.3	5.3	8.2	6.2
30,000 & Over	11.7	4.3	9.7	12.5	13.6	11.2
Total	100.0	100.0	100.0	100.0	100.0	100.0
			dollars			
Average Income	15,666	11,936	13,553	15,972	16,156	15,027
Median Income	11,648	8,714	8,977	12,230	11,935	10,799

Table 9.7 (cont'd.)

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			percent			
Families & Unattached Individuals						
Under $5,000	5.0	4.9	5.1	5.3	5.0	5.1
5,000 – 9,999	12.0	14.9	15.6	12.6	13.9	13.5
10,000 – 11,999	3.3	6.4	5.3	4.6	4.2	4.4
12,000 – 14,999	6.6	9.5	7.2	8.0	7.2	7.3
15,000 – 16,999	3.8	5.4	3.8	4.5	4.4	4.1
17,000 – 19,999	6.2	7.1	5.7	5.8	5.5	6.0
20,000 – 21,999	3.8	4.8	4.3	4.2	3.5	4.1
22,000 – 24,999	5.8	6.8	6.3	5.1	4.6	5.7
25,000 – 26,999	4.2	4.4	3.9	3.0	3.8	3.9
27,000 – 29,999	5.6	5.6	5.9	5.3	5.6	5.6
30,000 – 31,999	3.7	3.6	4.1	3.6	3.4	3.7
32,000 – 34,999	4.7	3.0	4.7	4.8	4.4	4.5
35,000 – 36,999	3.4	2.4	2.9	3.1	3.3	3.1
37,000 – 39,999	4.3	3.8	4.2	4.3	4.6	4.3
40,000 – 44,999	6.2	4.7	5.8	5.4	6.4	5.8
45,000 – 49,999	5.2	3.3	4.3	5.0	5.8	4.8
50,000 – 59,999	6.8	4.7	5.2	6.9	7.2	6.3
60,000 & Over	9.4	4.7	5.6	8.6	7.2	7.6
Total	100.0	100.0	100.0	100.0	100.0	100.0
			dollars			
Average Income	31,340	24,991	26,744	29,616	29,607	29,113
Median Income	26,652	20,747	23,385	25,012	25,881	24,890

Source: Statistics Canada, *Income Distribution by Size in Canada, (13-207).*

Notes: 1. The economic family is defined as a group of individuals related by blood, marrige or adoption, who share a common dwelling unit.

2. An unattached individual is a person living alone or in a household where he/she is not related to other household members.

Table 9.8 **Average and Median Income of Economic Families and Unattached Individuals, Ontario and Other Regions of Canada, 1971 to 1983**

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
Families						
Average						
1983	37,465	28,511	31,937	35,642	36,034	34,748
1982	34,457	27,120	30,509	35,192	35,172	32,981
1981	32,170	24,659	28,124	31,723	32,835	30,440
1980	28,854	21,501	25,389	28,643	28,866	27,398
1979	25,298	19,525	23,400	24,179	26,644	24,245
1978	23,748	18,125	21,203	22,266	24,427	22,397
1977	21,600	16,590	19,056	19,712	21,040	20,101
1976	20,113	15,232	18,21[illegible]	18,772	20,702	19,000
1975	18,047	13,474	15,446	16,177	17,746	16,613
1974	16,144	11,647	13,742	14,755	15,620	14,833
1973	13,912	9,965	12,024	11,760	13,942	12,716
1972	12,430	9,144	10,834	10,471	11,447	11,300
1971	11,483	7,936	9,919	9,309	11,212	10,368
Median						
1983	33,002	24,299	28,923	32,149	33,308	30,896
1982	31,329	23,850	27,734	31,790	31,879	29,731
1981	29,669	22,060	25,465	28,861	30,702	27,838
1980	26,906	19,346	23,210	25,643	28,866	25,244
1979	23,688	17,767	21,044	22,155	25,157	22,313
1978	21,639	16,336	19,463	20,418	22,347	20,463
1977	19,847	14,865	17,500	18,323	20,318	18,565
1976	18,115	13,990	16,123	16,712	19,063	16,954
1975	16,588	12,077	13,971	14,563	16,335	15,065
1974	14,980	10,612	12,571	13,010	14,414	13,516
1973	12,817	8,791	10,705	10,567	12,827	11,533
1972	11,425	8,175	9,692	9,532	10,770	10,367
1971	10,546	7,094	8,706	8,388	10,269	9,347
Unattached Individuals						
Average						
1983	15,666	11,936	13,553	15,972	16,156	15,027
1982	16,116	12,289	12,635	15,590	15,956	14,861
1981	14,620	10,811	11,635	14,312	14,430	13,535
1980	12,075	9,144	10,368	11,119	12,939	11,403
1979	10,845	8,077	9,775	10,749	10,829	10,375
1978	9,628	7,081	8,993	9,109	9,346	9,159
1977	8,738	6,449	7,858	8,178	8,701	8,254
1976	8,177	6,089	6,780	7,120	8,989	7,632
1975	7,029	5,388	6,027	6,499	7,198	6,595
1974	6,528	4,865	5,572	6,021	6,594	6,099
1973	5,596	4,162	4,967	4,459	5,651	5,149
1972	5,104	3,218	4,439	4,254	4,524	4,572
1971	4,779	3,314	4,299	4,082	4,240	4,346
Median						
1983	11,648	8,714	8,977	12,230	11,935	10,799
1982	12,974	8,469	8,820	12,817	13,081	11,378
1981	11,500	7,903	8,047	12,210	12,087	10,631
1980	9,773	6,200	7,439	9,003	11,315	8,761
1979	8,840	5,730	6,764	8,944	9,571	8,173
1978	7,184	4,803	6,910	7,059	8,127	6,979
1977	7,115	4,232	5,735	6,400	7,205	6,356
1976	6,394	4,609	5,196	4,963	7,830	5,807
1975	5,763	3,766	4,315	5,202	5,653	5,127
1974	5,661	3,509	3,831	4,601	5,642	4,838
1973	4,365	2,980	3,817	3,321	4,325	3,927
1972	3,938	2,133	3,321	3,128	3,425	3,373
1971	3,833	2,175	3,077	2,994	2,807	3,214

Table 9.8 (cont'd.)

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
				dollars		
Families & Unattached Individuals						
Average						
1983	31,340	24,991	26,744	29,616	29,607	29,113
1982	29,323	23,794	25,478	28,963	28,837	27,746
1981	27,331	21,569	23,606	26,282	26,827	25,641
1980	23,845	18,291	21,236	22,725	24,328	22,572
1979	21,089	16,616	19,750	19,881	21,106	20,164
1978	19,693	15,373	17,990	18,069	19,150	18,547
1977	18,049	14,131	16,185	16,148	16,807	16,764
1976	16,981	13,311	15,652	15,569	17,107	16,095
1975	15,001	11,618	12,891	13,349	14,264	13,805
1974	13,528	10,127	11,605	12,217	12,712	12,437
1973	11,719	8,723	10,137	9,736	11,442	10,694
1972	10,572	7,778	9,141	8,795	9,284	9,525
1971	9,853	6,860	8,532	7,914	9,165	8,845
Median						
1983	26,652	20,747	23,385	25,012	25,881	24,890
1982	25,578	20,437	22,254	24,618	25,130	24,041
1981	24,736	18,760	20,653	22,583	23,874	22,534
1980	21,595	15,819	18,764	18,923	21,804	19,857
1979	19,193	14,469	17,328	16,994	18,616	17,758
1978	17,701	13,108	15,915	15,720	16,633	16,358
1977	16,433	12,196	14,387	13,972	15,232	14,969
1976	14,933	11,608	13,604	13,161	15,069	14,030
1975	13,503	10,322	11,436	11,478	12,698	12,179
1974	12,232	9,078	10,436	10,150	11,113	10,993
1973	10,696	7,617	8,806	8,370	10,338	9,441
1972	9,756	6,690	7,966	7,501	8,621	8,493
1971	8,979	5,837	7,365	6,777	8,314	7,832

Source: Statistics Canada, *Income Distribution by Size in Canada, (13-207).*

Note: See notes, Table 9.7.

Table 9.9 Income Distribution of Economic Families and Unattached Individuals, Urban Centres, Ontario, 1983

	Families & Unattached Individuals		Families	
	Urban Centres by Population		Urban Centres by Population	
	100,000 & Over	All Other	100,000 & Over	All Other
		percent		
Under $5,000	4.5	6.1	1.1	1.8
5,000 – 9,999	11.3	13.7	3.7	6.2
10,000 – 11,999	3.0	3.8	2.1	3.2
12,000 – 14,999	6.0	8.0	4.8	8.2
15,000 – 16,999	3.4	4.5	2.9	4.8
17,000 – 19,999	5.6	7.6	4.7	7.4
20,000 – 21,999	3.9	3.5	3.4	3.9
22,000 – 24,999	5.4	7.0	5.1	8.2
25,000 – 26,999	3.9	4.8	3.6	5.5
27,000 – 29,999	5.9	4.9	6.9	5.7
30,000 – 31,999	3.9	3.2	4.5	3.8
32,000 – 34,999	5.1	4.0	6.2	4.9
35,000 – 36,999	2.9	4.4	3.8	5.5
37,000 – 39,999	4.2	4.6	5.5	5.5
40,000 – 44,999	6.3	5.8	8.2	7.1
45,000 – 49,999	5.7	3.9	7.7	4.7
50,000 – 59,999	7.6	5.0	10.5	6.4
60,000 & Over	11.2	5.4	15.2	7.0
Total	100.0	100.0	100.0	100.0
		dollars		
Average Income	33,020	27,560	40,072	32,144
Median Income	28,475	23,250	35,512	27,326

Source: Statistics Canada, *Income Distribution by Size in Canada, (13-207).*

Notes: 1. See notes, Table 9.7.
2. The All Other category includes urban areas under 100,000 population and rural areas.

Table 9.10 Income Distribution by Family Size, Ontario, 1983

	Number of Persons				
	Two	Three	Four	Five or More	All Families
			percent		
Under $5,000	2.6	1.4	0.9	0.6	1.6
5,000 – 9,999	8.4	6.3	2.9	1.5	5.4
10,000 – 11,999	5.3	3.0	2.7	2.1	3.7
12,000 – 14,999	10.9	5.4	3.6	3.7	6.7
15,000 – 16,999	5.9	3.6	2.2	3.6	4.1
17,000 – 19,999	6.7	6.4	4.2	4.0	5.6
20,000 – 21,999	4.6	3.9	3.3	3.5	4.0
22,000 – 24,999	6.5	5.8	6.3	6.5	6.3
25,000 – 26,999	4.2	4.2	4.3	4.3	4.3
27,000 – 29,999	6.1	7.7	6.4	6.2	6.5
30,000 – 31,999	3.8	4.4	5.0	4.4	4.3
32,000 – 34,999	4.9	5.0	6.6	6.3	5.6
35,000 – 36,999	3.3	3.6	4.0	5.7	3.9
37,000 – 39,999	4.5	5.6	6.9	5.0	5.4
40,000 – 44,999	5.4	8.0	9.2	9.4	7.6
45,000 – 49,999	4.9	6.6	8.1	6.7	6.4
50,000 – 59,999	5.9	8.6	11.0	10.8	8.5
60,000 & Over	6.1	10.5	12.5	15.6	10.2
Total	100.0	100.0	100.0	100.0	100.0
			dollars		
Average Income	28,835	34,780	39,521	40,796	34,748
Median Income	24,591	31,013	35,826	36,153	30,896

Source: Statistics Canada, *Income Distribution by Size in Canada, (13-207).*

Note: See notes, Table 9.7.

Table 9.11 Income Distribution of Economic Families by Number of Children, Ontario, 1983

	No Children	One Child	Two Children	Three Children	Four or More Children
			percent		
Under $5,000	1.5	1.9	1.5	1.2	1.9
5,000 – 9,999	4.6	7.7	6.0	2.9	4.3
10,000 – 11,999	4.0	3.1	3.2	3.3	6.5
12,000 – 14,999	8.6	4.6	4.2	5.6	8.5
15,000 – 16,999	4.9	2.8	2.6	4.5	8.4
17,000 – 19,999	5.9	6.0	4.9	3.8	5.9
20,000 – 21,999	4.2	3.7	3.6	4.7	4.0
22,000 – 24,999	6.0	6.2	6.3	8.6	7.2
25,000 – 26,999	4.1	3.9	4.6	6.5	1.2
27,000 – 29,999	6.1	7.5	6.4	7.7	5.6
30,000 – 31,999	3.8	4.0	5.9	3.9	6.9
32,000 – 34,999	5.0	5.1	7.4	5.9	5.0
35,000 – 36,999	3.5	3.7	4.6	4.5	7.4
37,000 – 39,999	5.0	5.4	6.5	5.8	3.4
40,000 – 44,999	6.8	8.0	8.7	9.1	9.5
45,000 – 49,999	6.5	6.4	6.5	5.5	3.8
50,000 – 59,999	8.4	9.5	8.7	7.2	5.4
60,000 & Over	11.0	10.5	8.4	9.4	5.4
Total	100.0	100.0	100.0	100.0	100.0
			dollars		
Average Income	34,598	34,685	35,300	35,653	30,284
Median Income	30,034	31,341	32,335	30,646	28,213

Source: Statistics Canada, *Income Distribution by Size in Canada, (13-207).*

Notes: 1. See notes, Table 9.7.

2. The table refers to families with children under 16 years of age. The category No Children indicates families with no children under 16.

Table 9.12 Income Distribution of Census Families, Ontario and Other Regions of Canada, 1980

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Without Income	7.1	0.7	4.5	6.1	18.3	38.7
Under $5,000	97.4	30.4	73.8	81.5	283.1	34.4
5,000 – 7,999	81.2	40.2	107.7	66.6	295.7	27.5
8,000 – 9,999	99.4	43.5	87.9	96.0	326.7	30.4
10,000 – 11,999	99.1	37.3	83.3	82.6	302.3	32.8
12,000 – 14,999	141.2	54.1	125.3	115.3	435.9	32.4
15,000 – 16,999	101.7	37.5	91.0	78.8	309.0	32.9
17,000 – 19,999	169.9	53.7	142.7	125.4	491.8	34.6
20,000 – 21,999	133.1	36.1	104.5	95.0	368.8	36.1
22,000 – 24,999	194.8	46.2	141.1	140.3	522.3	37.3
25,000 – 29,999	306.5	62.2	205.1	226.7	800.5	38.3
30,000 – 34,999	257.1	42.6	157.8	199.5	657.0	39.1
35,000 – 39,999	185.7	26.9	109.3	148.2	470.0	39.5
40,000 – 44,999	126.7	16.7	75.3	107.2	325.9	38.9
45,000 & Over	278.0	30.1	162.5	247.3	717.9	38.7
Total	2,278.9	558.2	1,671.7	1,816.4	6,325.3	36.0

Source: Statistics Canada, *1981 Census, (92-936).*

Notes: 1. A census family refers to a husband and wife (with or without never-married children) or a lone parent with one or more never-married children living in the same dwelling. Common-law relationships are considered to be husband-wife families.

2. Families without income are mainly recent immigrants with no 1980 income in Canada.

Table 9.13 **Income Distribution of Census Families by Family Type, Ontario, 1980**

	Families	
	Male Lone Parent	Female Lone Parent
	'000's	
Without Income	0.1	0.6
Under $2,000	1.3	21.1
2,000 – 4,999	1.5	21.6
5,000 – 5,999	0.8	13.7
6,000 – 6,999	0.8	11.1
7,000 – 7,999	0.9	9.1
8,000 – 9,999	1.7	15.6
10,000 – 11,999	1.9	15.2
12,000 – 14,999	3.2	21.5
15,000 – 19,999	6.7	27.2
20,000 – 24,999	7.3	19.5
25,000 – 34,999	8.8	19.7
35,000 & Over	7.6	11.7
Total	42.6	207.6
	dollars	
Average Income	24,206	14,219
Median Income	21,436	11,417

Table 9.13 (cont'd.)

	Families	
	Husband Wife	Total
	'000's	
Without Income	6.4	7.1
Under $5,000	51.9	97.4
5,000 – 7,999	44.9	81.2
8,000 – 9,999	82.1	99.4
10,000 – 11,999	82.0	99.1
12,000 – 14,999	116.5	141.2
15,000 – 16,999	87.2	101.7
17,000 – 19,999	150.6	169.9
20,000 – 21,999	120.8	133.1
22,000 – 24,999	180.3	194.8
25,000 – 29,999	289.2	306.5
30,000 – 34,999	245.9	257.1
35,000 – 39,999	178.7	185.7
40,000 – 44,999	122.6	126.7
45,000 & Over	269.8	278.0
Total	2,028.7	2,278.9
	dollars	
Average Income	29,492	28,002
Median Income	26,493	25,215

Source: Statistics Canada, *1981 Census*, (92-936).

Note: See notes, Table 9.12.

Table 9.14 Sources of Income of Census Families with Income, Ontario, 1980

	Wages & Salaries		Self Employment Income			
			Non-farm		Farm	
	Families	Income	Families	Income	Families	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $5,000	50.4	136.1	7.7	–57.7	5.9	–95.4
5,000 – 7,999	47.6	207.5	5.5	16.0	3.3	5.3
8,000 – 9,999	44.5	279.1	5.9	24.2	4.7	16.2
10,000 – 11,999	57.5	467.0	7.6	39.5	4.7	16.6
12,000 – 14,999	105.9	1,123.8	12.4	77.0	6.7	24.5
15,000 - 16,999	86.2	1,132.3	9.0	66.7	4.2	18.7
17,000 – 19,999	152.4	2,392.5	13.6	102.5	5.6	26.9
20,000 – 21,999	124.1	2,256.9	10.8	98.2	4.0	21.8
22,000 – 24,999	185.0	3,810.3	14.9	129.2	5.4	29.1
25,000 – 29,999	294.9	7,196.1	23.2	226.5	7.8	45.1
30,000 – 34,999	249.5	7,238.6	20.2	223.1	6.8	51.9
35,000 – 39,999	181.2	6,061.4	15.5	188.1	4.9	41.5
40,000 – 44,999	123.5	4.640.6	12.0	175.9	3.5	33.9
45,000 & Over	265.2	13,201.1	47.7	1,802.2	12.1	289.1
Total	1,967.8	50,143.2	205.9	3,111.2	79.6	525.2

Table 9.14 (cont'd.)

	Government Transfer Payments							
	Old Age Pensions		Family Allowances		Unemployment Insurance		Other	
	Families	Income	Families	Income	Families	Income	Families	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $5,000	7.3	15.3	71.8	32.3	10.9	15.7	25.7	50.6
5,000 – 7,999	14.6	57.2	51.2	23.7	13.1	29.6	36.2	140.6
8,000 – 9,999	52.4	355.8	33.0	16.0	12.4	28.6	47.7	88.9
10,000 – 11,999	43.9	274.1	38.1	17.8	14.5	33.0	27.6	60.1
12,000 – 14,999	42.9	222.8	66.2	30.6	25.7	56.8	26.1	74.7
15,000 – 16,999	21.6	102.5	53.2	24.7	20.3	44.6	14.4	41.4
17,000 – 19,999	29.1	131.4	93.5	44.5	33.9	70.1	20.9	57.2
20,000 – 21,999	16.6	72.6	78.9	37.5	26.3	51.6	13.2	34.3
22,000 – 24,999	21.5	92.5	117.5	56.8	39.4	74.9	18.5	47.8
25,000 – 29,999	27.7	115.5	186.8	89.4	58.6	111.2	26.3	65.7
30,000 – 34,999	19.1	78.4	157.5	74.8	43.9	82.2	19.3	47.5
35,000 – 39,999	12.3	51.1	112.1	52.6	28.6	54.1	13.5	32.5
40,000 – 44,999	8.2	33.2	75.1	34.4	18.3	34.4	9.4	22.2
45,000 & Over	22.7	97.3	156.4	71.4	30.1	56.9	18.4	45.1
Total	339.9	1,699.6	1,291.3	606.6	375.9	743.7	317.2	808.6

Table 9.14 (cont'd.)

	Investment Income		Retirement Pensions & Other Income		All Sources	
	Families	Income	Families	Income	Families	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $5,000	15.4	–21.7	4.8	7.2	97.4	82.5
5,000 – 7,999	14.7	22.6	9.0	23.4	81.2	525.8
8,000 – 9,999	33.0	51.3	20.0	44.8	99.4	904.8
10,000 – 11,999	42.2	94.0	27.1	81.7	99.1	1,083.8
12,000 – 14,999	57.5	157.1	33.2	133.0	141.2	1,900.1
15,000 – 16,999	37.8	109.9	18.3	82.8	101.7	1,623.6
17,000 – 19,999	66.1	185.8	27.0	133.4	169.9	3,144.4
20,000 – 21,999	50.5	132.8	16.3	83.2	133.1	2,789.0
22,000 – 24,999	81.0	207.5	23.0	120.5	194.8	4,568.6
25,000 – 29,999	138.0	363.9	33.2	179.7	306.5	8,393.3
30,000 – 34,999	127.9	362.5	26.6	149.7	257.1	8,308.8
35,000 – 39,999	103.3	327.1	19.9	117.5	185.7	6,925.8
40,000 – 44,999	76.4	291.5	13.9	88.4	126.7	5,354.5
45,000 & Over	199.1	2,293.9	38.5	352.1	278.0	18,208.9
Total	1,042.8	4,578.2	310.6	1,597.5	2,271.8	63,813.8

Source: Statistics Canada, *1981 Census, (92-936).*

Notes:
1. See Table 9.12, note 1.
2. The Families columns are families reporting income for each source.
3. Income from Wages and Salaries are gross amounts before deductions. Included in this source are military pay and allowances, tips, commissions, bonuses, piece rate payments and occasional earnings.
4. Old Age Pensions includes payments by the federal government of Old Age Security, Guaranteed Income Supplements, Canada Pension Plan and Spouses' Allowances.
5. Family Allowances includes federal and provincial allowances paid in respect of children under 18.
6. Other government payments includes all other government transfer payments from all levels of government. These are veterans' pensions and allowances, cash welfare payments, workers' compensation, Canada Manpower training and mobility allowances, mothers' allowances, pensions to widows, blind and disabled, and provincial income supplements.
7. Investment Income includes interest from deposits in financial institutions, bond and debenture interest, dividends from Canadian and foreign sources, net rents from real estate, mortgage and loan interest, regular income from an estate or trust fund, and interest from insurance policies from Canadian and foreign sources.
8. Retirement Pensions and Other Income is all regular income received as a result of previous employment of the respondent or a deceased relative, but excludes lump sum payments. It includes alimony, child support, periodic support from non-household members, net income from roomers and boarders, retirement pensions from abroad and scholarships.

Table 9.15 **Income Distribution of Non-Family Persons, Ontario and Other Regions of Canada, 1980**

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Without Income	47.3	12.1	45.7	40.2	145.3	32.6
Under $1,000	30.2	7.0	21.9	29.2	88.4	34.2
1,000 – 1,999	30.2	8.5	21.4	30.3	90.4	33.5
2,000 – 2,999	37.3	10.1	26.7	30.6	104.6	35.6
3,000 – 3,999	38.4	11.4	63.2	35.4	148.4	25.9
4,000 – 4,999	64.6	44.9	112.4	75.1	297.0	21.7
5,000 – 5,999	153.8	24.3	66.3	116.6	361.0	42.6
6,000 – 7,999	100.8	23.0	72.1	92.5	288.4	34.9
8,000 – 9,999	81.5	16.8	53.9	75.3	227.4	35.8
10,000 – 11,999	78.9	15.1	50.1	73.8	217.9	36.2
12,000 – 14,999	110.2	17.7	67.8	103.8	299.6	36.8
15,000 – 19,999	133.3	17.9	77.9	126.4	355.5	37.5
20,000 – 24,999	80.4	8.5	46.8	82.8	218.5	36.8
25,000 & Over	87.5	8.1	51.7	89.0	236.2	37.0
Total	1,074.4	225.3	777.8	1,001.1	3,078.5	34.9

Source: Statistics Canada, *1981 Census, (92-936).*

Note: Non-family persons refers to household members who do not belong to a census family. They may be related (cousin, sister-in-law) or unrelated (lodger, room-mate). A person living alone is a non-family person.

Table 9.16 Income Distribution of Non-Family Persons by Sex, Ontario, 1980

	Female	Male
	number	
Without Income	29,660	17,675
Under $1,000	17,100	13,110
1,000 – 1,999	17,670	12,570
2,000 – 2,999	21,875	15,410
3,000 – 3,999	22,335	16,060
4,000 – 4,999	44,200	20,350
5,000 – 5,999	114,475	39,300
6,000 – 7,999	64,435	36,315
8,000 – 9,999	49,820	31,665
10,000 – 11,999	47,790	31,150
12,000 – 14,999	61,890	48,310
15,000 – 19,999	61,600	71,730
20,000 – 24,999	31,110	49,315
25,000 & Over	31,410	56,045
Total	615,365	459,020
	dollars	
Average Income	9,839	13,698
Median Income	7,134	11,687

Source: Statistics Canada, *1981 Census, (92-936).*

Note: See note, Table 9.15.

Table 9.17 Sources of Income of Non-Family Persons with Income, Ontario, 1980

	Wages & Salaries		Self-Employment Income			
			Non-farm		Farm	
	Persons	Income	Persons	Income	Persons	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $1,000	16.1	11.2	1.5	–13.4	0.6	–5.3
1,000 – 1,999	19.8	26.5	0.8	0.5	0.3	—
2,000 – 2,999	21.0	45.8	0.9	1.0	0.3	–0.4
3,000 – 3,999	21.0	59.9	1.3	2.6	0.3	0.6
4,000 – 4,999	21.7	78.2	1.2	3.0	0.4	0.9
5,000 – 5,999	24.8	106.8	1.7	4.7	0.9	1.7
6,000 – 7,999	46.3	268.0	2.9	11.0	1.1	2.5
8,000 – 9,999	50.9	398.2	2.5	13.2	0.8	2.4
10,000 – 11,999	58.2	571.0	2.6	15.9	0.7	2.6
12,000 – 14,999	90.2	1,105.9	3.2	23.2	0.9	4.1
15,000 – 19,999	115.1	1,838.1	4.6	43.0	1.0	4.7
20,000 – 24,999	71.3	1,457.3	3.1	36.6	0.7	4.5
25,000 & Over	72.7	2,166.8	7.3	197.9	1.7	28.1
Total	629.1	8,133.8	33.7	339.4	9.8	46.2

Table 9.17 (cont'd.)

	Government Transfer Payments					
	Old Age Pensions		Unemployment Insurance		Other	
	Persons	Income	Persons	Income	Persons	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $1,000	3.3	2.3	1.6	0.6	5.6	2.3
1,000 – 1,999	3.2	4.2	2.1	2.3	5.1	6.0
2,000 – 2,999	4.9	9.4	2.8	4.0	11.5	24.1
3,000 – 3,999	5.9	13.6	3.5	5.9	12.8	34.8
4,000 – 4,999	35.3	147.9	4.5	8.8	23.5	35.5
5,000 – 5,999	126.7	535.1	5.4	10.9	89.0	79.9
6,000 – 7,999	52.6	183.5	10.8	23.0	18.8	35.4
8,000 – 9,999	30.3	97.9	10.1	19.7	10.6	29.4
10,000 – 11,999	20.9	65.8	8.1	15.2	7.5	24.2
12,000 – 14,999	22.4	67.8	9.0	15.5	7.7	24.8
15.000 – 19,999	21.1	63.3	9.2	15.2	7.4	20.6
20,000 – 24,999	10.3	30.1	3.9	5.6	4.1	12.3
25,000 & Over	15.0	45.6	2.2	3.4	3.7	11.3
Total	351.9	1,266.4	73.1	130.2	207.3	340.6

Table 9.17 (cont'd.)

	Investment Income		Retirement Pensions & Other Income		All Sources	
	Persons	Income	Persons	Income	Persons	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $1,000	5.8	–4.2	1.6	1.1	30.2	–5.4
1,000 – 1,999	4.4	3.1	1.3	1.4	30.2	44.0
2,000 – 2,999	5.8	4.4	2.2	3.2	37.3	91.6
3,000 – 3,999	6.6	7.6	3.1	5.6	38.4	130.6
4,000 – 4,999	13.8	11.4	5.3	7.7	64.6	293.4
5,000 – 5,999	52.3	59.9	23.0	28.7	153.8	827.7
6,000 – 7,999	46.4	106.2	25.5	60.2	100.7	689.8
8,000 – 9,999	34.9	104.7	18.4	58.0	81.5	723.4
10,000 – 11,999	31.3	102.9	14.6	55.2	78.9	852.8
12,000 – 14,999	44.1	148.0	16.7	71.9	110.2	1,461.2
15,000 – 19,999	56.9	206.3	17.9	91.2	133.3	2,282.4
20,000 – 24,999	38.9	161.9	9.7	56.3	80.4	1,764.7
25,000 & Over	57.4	610.1	13.5	123.0	87.5	3,186.3
Total	398.5	1,522.4	152.9	563.5	1,027.0	12,342.5

Source: Statistics Canada, *1981 Census*, *(92-936)*.

Notes: 1. The category Persons refers to non-family persons reporting income for each source.
2. For definition of non-family persons, see note, Table 9.15.
3. For definitions of sources of income, see Table 9.14, notes 3 to 8.

Table 9.18 Income Distribution of Economic Families, Ontario and Other Regions of Canada, 1980

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Without Income	4.5	0.6	3.9	4.2	13.0	34.2
Under $5,000	88.5	26.6	70.5	74.3	259.8	34.0
5,000 – 9,999	172.5	78.0	192.4	158.7	601.5	28.7
10,000 – 14,999	236.3	89.8	210.5	198.0	734.5	32.2
15,000 – 19,999	268.2	91.3	236.2	205.4	801.1	33.5
20,000 – 24,999	325.5	83.9	248.6	236.7	894.6	36.4
25,000 – 34,999	569.7	109.9	372.8	432.5	1,485.0	38.4
35,000 & Over	628.0	81.4	368.2	529.9	1,607.6	39.1
Total	2,293.2	561.4	1,703.1	1,839.5	6,397.2	35.8

Source: Statistics Canada, *Census of Canada.*

Note: For definition of economic family, see Table 9.7, note 1.

Table 9.19 Average Annual Family Expenditure on Selected Items, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
				dollars		
Food	4,202	3,989	4,212	3,987	4,056	4,131
Prepared at Home	3,158	3,314	3,337	3,051	3,141	3,197
In Restaurants	1,028	627	847	924	890	912
Shelter	5,012	3,458	4,206	5,127	5,407	4,742
Rented Quarters	1,280	717	1,355	1,386	1,547	1,305
Owned Quarters	2,478	1,373	1,730	2,492	2,757	2,228
Mortgage Interest	1,189	661	725	1,401	1,561	1,107
Water, Fuel & Electricity	953	1,144	873	983	852	941
Household Operation	1,267	1,138	1,052	1,183	1,202	1,177
Communications	396	365	311	413	405	375
Child Care	172	118	134	102	113	138
Household Furnishings & Equipment	1,004	817	856	1,087	1,066	972
Household Furnishings	515	384	410	551	551	487
Household Equipment	426	396	390	484	460	428
Clothing	1,655	1,523	1,694	1,750	1,487	1,651
Personal Care	514	460	485	493	455	491
Medical & Health Care	583	393	465	523	553	522
Insurance Premiums	261	117	132	157	206	190
Dental Care	122	94	108	124	143	119
Prescribed Medicines	50	72	77	73	60	64
Tobacco and Alcohol	950	839	905	825	829	892
Tobacco Products and Supplies	376	416	420	283	274	362
Alcoholic Beverages	574	423	485	541	555	530
Transportation	3,291	2,983	3,071	3,563	3,412	3,271
Purchase of Automobiles and Trucks	925	1,013	865	1,271	994	986
Automotive Fuels	959	969	958	944	908	950
Local & Commuter Transit	141	76	148	79	93	121

Table 9.19 (cont'd.)

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
Recreation	1,233	968	1,011	1,469	1,776	1,261
Outdoor Recreation	339	277	279	414	442	344
Home Entertainment	265	201	218	284	254	249
Reading Materials & Other Printed Matter	157	124	177	149	155	158
Education	210	151	168	190	193	188
Tuition Fees	142	82	88	93	106	110
Miscellaneous	837	797	727	810	889	797
Interest on Personal Loans	308	366	232	349	332	303
Government Run Lottery Tickets	106	67	115	52	61	90
Personal Taxes	5,039	3,235	4,866	5,072	4,918	4,837
Security	1,162	996	1,253	1,179	1,071	1,164
Life Insurance Premiums	206	154	277	233	165	220
Unemployment Insurance Payments	269	222	248	259	238	254
Retirement/Pension Payments	638	599	681	661	636	650
Gifts and Contributions	974	685	467	974	908	809
Total Expenditure	28,087	22,434	25,616	28,381	28,375	27,062
Income Before Taxes	30,498	23,965	26,801	31,120	30,386	29,088
Other Money Receipts	538	400	408	619	782	537
Net Change in Assets & Liabilities	2,774	1,945	1,437	3,131	2,759	2,416

Source: Statistics Canada, *Family Expenditure in Canada*, (62-555).

Notes: 1. The family or spending unit is defined as a) a group of persons dependent on a common or pooled income for major expenditure items and living in the same dwelling, or b) a financially independent individual living alone.

2. Income Before Taxes includes gross income from wages and salaries, net income from self-employment (excluding farm income in kind), military pay and allowances, gross receipts from roomers and boarders, net rentals, family allowances, interest and dividends, pensions, workers' compensation, unemployment insurance benefits, social assistance, income supplements, and miscellaneous regular income receipts.

3. Other Money Receipts include inheritances, bequests, lump sum settlements from property insurance, accident and health policies, money gifts from outside the spending unit and income tax refunds.

4. Net Change in Assets and Liabilities refers to net changes in bank accounts, money on hand or owed, stocks and bonds (excluding changes in market value), property held, investments in real estate and business, in loans, installment purchases, charge accounts and other bills, rents and taxes. Also included are contributions to and withdrawals from registered retirement savings plans and additions and major alterations to the home.

5. Income Before Taxes plus Other Money Receipts less Total Expenditure will not equal Net Change in Assets and Liabilities. Respondents were not expected to balance their accounts exactly. Responses which did not balance with a 10% margin were excluded from the results.

Table 9.20 Average Annual Expenditure for Families of Two or More Persons, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
Food	4,744	4,411	4,793	4,548	4,707	4,689
Shelter	5,445	3,661	4,541	5,571	6,032	5,142
Household Operation	1,427	1,249	1,179	1,335	1,387	1,325
Household Furnishings & Equipment	1,151	904	993	1,242	1,258	1,116
Clothing	1,908	1,717	1,945	2,006	1,780	1,903
Personal Care	587	514	551	559	536	560
Medical & Health Care	660	435	517	597	653	591
Tobacco & Alcohol	1,034	898	987	904	902	971
Transportation	3,694	3,294	3,540	4,020	3,981	3,709
Recreation	1,350	1,072	1,136	1,673	2,079	1,412
Reading Materials & Other Printed Matter	167	130	189	157	171	168
Education	254	175	202	212	226	223
Miscellaneous	909	728	823	897	1,048	885
Personal Taxes	5,711	3,550	5,583	5,828	5,776	5,517
Security	1,347	1,083	1,450	1,367	1,254	1,344
Gifts & Contributions	946	696	507	1,001	994	823
Total Expenditure	31,334	24,517	28,936	31,916	32,783	30,378
Income Before Taxes	34,322	26,262	30,378	35,277	35,200	32,847
Other Money Receipts	497	453	394	640	908	539
Net Change in Assets & Liabilities	3,196	2,189	1,672	3,663	3,266	2,794

Source: Statistics Canada, *Family Expenditure in Canada*, (62-555).

Note: See notes, Table 9.19.

Table 9.21 Average Annual Family Expenditure by Family Income, Ontario, 1982

	Under $10,000	$10,000 – 14,999	$15,000 – 19,999	$20,000 – 24,999	$25,000 – 29,999	$30,000 – 34,999	$35,000 & Over	Total
					dollars			
Food	1,844	2,602	3,205	3,730	4,221	4,787	5,728	4,202
Shelter	2,411	3,248	3,950	4,260	4,990	5,498	6,825	5,012
Household Operation	529	771	979	987	1,159	1,428	1,820	1,267
Household Furnishings & Equipment	243	473	568	668	976	1,186	1,608	1,004
Clothing	433	721	1,101	1,203	1,439	1,959	2,628	1,655
Personal Care	218	283	420	427	491	579	725	514
Medical & Health Care	204	313	484	514	610	651	810	583
Tobacco & Alcohol	365	550	815	935	975	1,172	1,222	950
Transportation	774	1,670	2,561	3,243	2,988	3,535	4,878	3,291
Recreation	247	412	746	904	1,114	1,481	1,980	1,233
Reading Materials & Other Printed Matter	65	105	113	128	162	160	220	157
Education	57	80	90	183	114	215	359	210
Miscellaneous	323	342	559	681	738	1,071	1,258	837
Personal Taxes	–28	463	1,553	2,803	3,879	5,131	10,015	5,039
Security	76	196	603	837	1,090	1,400	2,036	1,162
Gifts & Contributions	297	639	721	657	822	985	1,488	974
Total Expenditure	8,055	12,866	18,467	22,157	25,766	31,237	43,600	28,087
Income Before Taxes	6,853	12,493	17,572	22,481	27,535	32,419	50,196	30,498
Other Money Receipts	360	378	470	306	381	283	840	538
Net Change in Assets & Liabilities	–816	222	–321	692	2,017	1,556	6,829	2,774

Source: Statistics Canada, *Family Expenditure in Canada*, (62-555).

Note: See notes, Table 9.19.

Table 9.22 Average Annual Expenditure by Family Income for Families of Two or More Persons, Ontario, 1982

	Under $20,000	$20,000 – 24,999	$25,000 – 29,999	$30,000 – 34,999	$35,000 – 39,999	$40,000 – 49,999	$50,000 & Over	Total
	dollars							
Food	3,019	4,057	4,503	4,967	5,034	5,740	6,650	4,744
Shelter	3,489	4,346	5,147	5,472	5,878	6,447	8,108	5,445
Household Operation	890	1,084	1,200	1,501	1,527	1,759	2,204	1,427
Household Furnishings & Equipment	550	677	1,016	1,265	1,287	1,576	1,893	1,151
Clothing	873	1,264	1,506	2,059	2,196	2,630	3,212	1,908
Personal Care	373	472	512	612	638	727	858	587
Medical & Health Care	404	544	640	682	684	761	1,012	660
Tobacco & Alcohol	602	967	969	1,196	1,030	1,246	1,441	1,034
Transportation	2,004	3,268	2,977	3,645	4,229	4,388	6,125	3,694
Recreation	544	902	1,030	1,484	1,332	1,917	2,460	1,350
Reading Materials & Other Printed Matter	100	121	144	157	165	207	284	167
Education	90	233	115	238	191	363	563	254
Miscellaneous	477	631	719	1,115	1,154	1,157	1,346	909
Personal Taxes	643	2,522	3,637	4,968	6,029	7,909	15,429	5,711
Security	346	840	1,093	1,462	1,694	1,943	2,508	1,347
Gifts & Contributions	487	566	819	851	951	1,138	1,889	946
Total Expenditure	14,889	22,491	26,026	31,673	34,018	39,908	55,980	31,334
Income before Taxes	13,820	22,503	27,720	32,483	37,496	44,664	67,859	34,322
Other Money Receipts	476	125	410	315	505	618	870	497
Net Change in Assets & Liabilities	–586	262	1,948	1,208	3,519	4,729	11,798	3,196

Source: Statistics Canada, *Family Expenditure in Canada*, (62-555).

Note: See notes, Table 9.19.

Table 9.23 Average Annual Family Expenditure by Family Size, Ontario, 1982

	One Person	Two Persons	Three Persons	Four Persons	Five or More Persons	Total
	dollars					
Food	2,304	3,549	4,760	5,263	6,588	4,202
Shelter	3,493	4,626	5,268	6,150	6,425	5,012
Household Operation	704	1,036	1,541	1,699	1,704	1,267
Household Furnishings & Equipment	489	949	1,154	1,194	1,537	1,004
Clothing	768	1,419	1,859	2,203	2,615	1,655
Personal Care	259	441	570	684	786	514
Medical & Health Care	314	551	650	708	845	583
Tobacco & Alcohol	658	908	1,077	1,052	1,224	950
Transportation	1,879	2,985	3,825	4,004	4,604	3,291
Recreation	820	996	1,339	1,541	1,863	1,233
Reading Materials & Other Printed Matter	124	151	174	173	179	157
Education	56	88	235	339	519	210
Miscellaneous	582	738	1,011	833	1,271	837
Personal Taxes	2,687	4,342	6,497	6,211	6,828	5,039
Security	512	1,002	1,504	1,531	1,595	1,162
Gifts & Contributions	1,069	1,138	910	774	847	974
Total Expenditure	16,717	24,917	32,376	34,357	39,429	28,087
Income Before Taxes	17,105	28,322	36,882	36,303	40,894	30,498
Other Money Receipts	683	531	401	622	356	538
Net Change in Assets & Liabilities	1,294	3,743	4,324	2,345	1,650	2,774

Source: Statistics Canada, Special tabulation.

Note: See notes, Table 9.19.

Table 9.24 **Average Annual Family Expenditure by Homeownership Status, Ontario, 1982**

	All Families and Unattached Individuals			
	Home-owners Without Mortgage	Home-owners With Mortgage	All Home-owners	Tenants
	dollars			
Food	4,075	5,223	4,665	3,377
Shelter	3,691	7,240	5,513	3,943
Principal Accommodation	3,279	6,904	5,140	3,749
Rented Quarters	. . .	. . .	. . .	3,403
Owned Quarters	1,954	5,567	3,810	. . .
Water, Fuel & Electricity	1,304	1,321	1,313	345
Other Accommodation	412	336	373	194
Household Operation	1,129	1,687	1,415	985
Household Furnishings & Equipment	966	1,224	1,098	772
Household Furnishings	464	595	531	463
Household Equipment	422	538	481	284
Services	80	91	85	25
Clothing	1,536	2,123	1,838	1,331
Personal Care	466	655	563	426
Medical & Health Care	578	736	659	455
Tobacco & Alcohol	776	1,152	969	915
Transportation	3,402	4,005	3,712	2,554
Recreation	1,184	1,503	1,348	1,032
Reading Materials & Other Printed Matter	140	187	164	146
Education	188	296	244	160
Miscellaneous	773	1,105	944	639
Personal Taxes	5,298	7,138	6,243	2,914
Security	1,046	1,636	1,349	803
Gifts & Contributions	1,409	922	1,159	684
Total Expenditure	26,656	36,832	31,881	21,136
Income Before Taxes	31,361	39,475	35,528	21,584
Other Money Receipts	655	657	656	248
Net Change in Assets & Liabilities	4,884	3,113	3,974	804

Source: Statistics Canada, Special tabulation.

Note: See notes, Table 9.19.

Table 9.25 Average Annual Family Expenditure by Urbanization, Ontario, 1982

	Urbanization							
	500,000 & Over	100,000 – 499,999	30,000 – 99,999	Less Than 30,000	Urban Total	Rural Non-Farm	Rural Total	Total
					dollars			
Food	4,562	4,022	3,856	3,482	4,223	4,018	4,055	4,202
Shelter	5,672	4,580	4,388	3,785	5,042	4,488	4 803	5,012
Principal Accommodation	5,327	4,301	4,171	3,596	4,746	4,177	.467	4,710
Rented Quarters	1,626	1,204	1,177	1,062	1,410	. . .	. . .	1,280
Owned Quarters	2,787	2,204	2,014	1,633	2,422	2,597	2,859	2,478
Water, Fuel & Electricity	914	893	980	902	914	1,195	1,218	953
Other Accommodation	346	278	217	189	297	312	336	302
Household Operation	1,359	1,206	1,193	1,042	1,265	1,267	1,280	1,267
Household Furnishings & Equipment	1,059	877	1,009	826	981	1,104	1,163	1,004
Household Furnishings	591	443	483	400	521	479	472	515
Household Equipment	396	390	465	387	400	537	606	426
Services	72	44	60	39	60	88	85	63
Clothing	1,812	1,606	1,560	1,367	1,680	1,480	1,485	1,655
Personal Care	560	494	490	407	517	488	492	514
Medical & Health Care	683	494	474	411	583	566	586	583
Tobacco & Alcohol	925	1,041	962	760	932	1,126	1,076	950
Transportation	3,368	3,252	2,872	2,846	3,222	3,899	3,761	3,291
Recreation	1,362	1,266	1,035	998	1,258	932	1,055	1,233
Reading Materials & Other Printed Matter	181	149	140	115	161	131	131	157
Education	268	226	141	. . .	218	149	156	210
Miscellaneous	788	762	801	750	778	1,098	1,239	837
Personal Taxes	6,078	4,720	4,084	3,123	5,172	4,167	4,127	5,039
Security	1,267	1,137	1,203	867	1,176	1,077	1,059	1,162
Gifts & Contributions	950	976	839	1,312	995	822	827	974
Total Expenditure	30,893	26,807	25,046	22,148	28,203	26,812	27,294	28,087
Income Before Taxes	33,919	29,011	27,079	23,119	30,664	28,571	29,358	30,498
Other Money Receipts	644	393	416	209	506	670	759	538
Net Change in Assets & Liabilities	3,602	2,241	2,270	1,174	2,832	2,396	2,375	2,774

Source: Statistics Canada, Special tabulation.

Note: See notes, Table 9.19.

Chapter 10
Housing and Household Facilities

Housing and Household Facilities

The private and public sectors both play important roles in the housing industry. The private sector is largely responsible for construction and manages the bulk of rental properties. In support of the private sector's role, all three levels of government have a range of policies and programs aimed at enhancing the availability, accessibility and quality of housing. In addition, governments are involved directly in the production and management of social housing. The main areas of federal involvement are public housing, land banking and servicing, residential rehabilitation, homeownership assistance and home insulation, with many of these programs operated jointly with the Provincial and local governments. Through the Ministries of Municipal Affairs and Housing, the Ontario government plans, finances, manages and markets some 28,000 hectares of provincially owned land. In addition to participating in Federal/Provincial housing projects, municipalities establish planning policy and zoning by-laws.

Data in this chapter describe the housing stock in terms of number and type of units, tenure, condition and social housing. Information on population, family and household formation, and income are presented in Chapters 3, 4 and 9, respectively, while data on housing construction are covered in Chapter 21, Construction. In addition, this chapter contains data on major types of household facilities, sometimes called consumer durables, in homes in Ontario.

Sources of Data

The main sources of data are:

- Census of Canada;
- Statistics Canada's Household Facilities and Equipment Survey;
- assessment file of the Ontario Ministry of Revenue;
- administrative records of the Ministries of Municipal Affairs and Housing.

A detailed description of the census can be found in Chapter 3, Population. The 1941 Census was the first to include housing data. The census provides information on the total number of private dwellings, both occupied and vacant, by tenure, structural type and urban or rural locality. A private dwelling is defined as a structurally separate set of living quarters with a private entrance which may be occupied by one or more persons. Recreational dwellings that are not occupied on a permanent basis are excluded. However, a small number of seasonal or marginal dwellings that are occupied on a year-round basis are included in the housing stock. The data are published in *Occupied Private Dwellings, (92-903)* and *Unoccupied Private Dwellings: Limitations to the Data, (93-X-901)*. Household information is published in *Private Households, (92-933)*. A household is a person or a group of persons occupying a dwelling unit. The number of households therefore equals the number of occupied dwellings. The 1981 data are based on a 20 per cent sample and include information on length of occupancy, and selected dwelling characteristics such as rooms per dwelling, persons per dwelling, gross rent and owners' major payments. Further information on the census can be obtained from the Census Operations Division of Statistics Canada, telephone Ottawa, 990-9534. Aggregate data are available on CANSIM.

The annual Household Facilities and Equipment Survey collects a wide range of housing data on dwelling types, tenure, and facilities and equipment associated with dwellings. The items of data collected may vary from year to year. The survey has been conducted since 1953 as a supplement to the Labour Force Survey. In 1985, some 35,000 households across Canada were included, of which almost 7,000 were in Ontario. Households on Indian Reserves and Crown lands, and persons in institutions, military camps and collective households are excluded. However, 1984 and future data include mobile homes. The census is used to benchmark the total number of households. It is important to note that data for the most recent years are revised after each census. The data are published in *Household Facilities and Equipment, (64-202)*. Additional information can be obtained from the Consumer Income and Expenditure Sub-Division of Statistics Canada, telephone Ottawa, 990-9775.

Data on number of dwellings assessed for property tax purposes are collected by the Ministry of Revenue and are accessible through the Municipal Analysis and Retrieval System (MARS) database operated by the Ministry of Municipal Affairs. A description of the assessment data is given in Chapter 2, Land Use. The number of assessed dwelling units is different from Statistics Canada's dwelling counts due to differences in definition, methods of collection and timing. Enquiries regarding these data should be directed to the Financial Information Section of the Ministry of Municipal Affairs, telephone Toronto, 585-7223.

The Ministry of Housing provides information on dwellings covered by a number of government social housing programs such as assisted rentals, rural and native housing and geared-to-income housing. This Ministry also collects data on the number of existing units converted from rental to condominium ownership. In addition to the information presented in this chapter, the Ministry carries out annual surveys on the rental market and on homeownership in seven Ontario cities. Further information on the housing program data and the two surveys can be obtained from the Corporate Planning and Evaluation Branch of the Ministry of Housing, telephone Toronto, 585-6800.

The Canada Mortgage and Housing Corporation (CMHC) compiles housing data and publishes an annual document entitled *Canadian Housing Statistics.* The data are derived largely from Statistics Canada and other sources. CMHC undertakes a large number of in-house and specially commissioned housing studies. A list of the research projects and studies is published quarterly in *Research Reports and Projects.* A document entitled CMHC *Publications* is issued on an occasional basis. For further information, contact the Canadian Housing Information Centre, CMHC, telephone Ottawa, 748-2367.

Housing and Household Facilities

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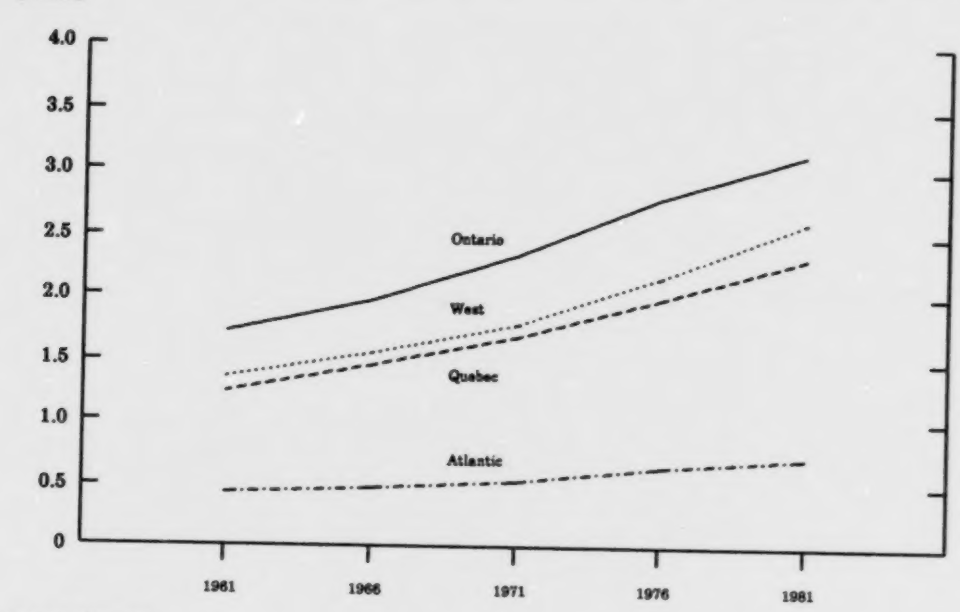
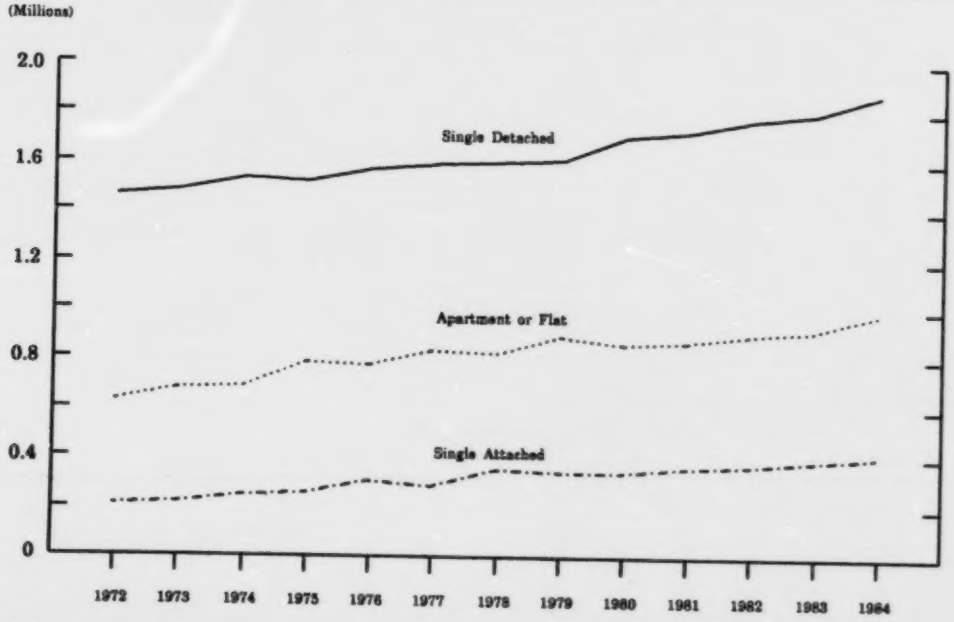
Chart 10.1 Housing Stock, Ontario and Other Regions of Canada, Census Years, 1961 to 1981



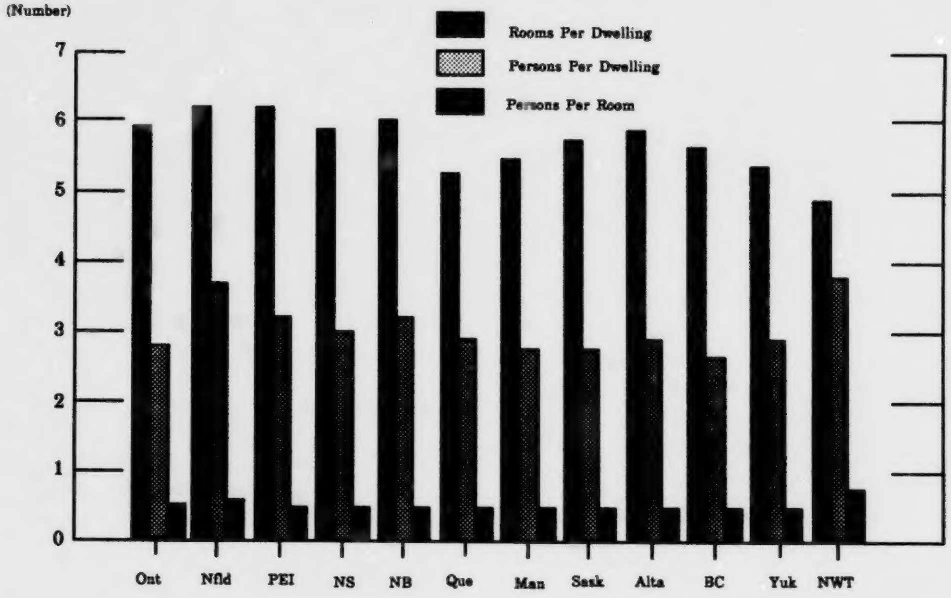
Refer to Table 10.1

Chart 10.2 Dwellings by Type, Ontario, 1972 to 1984



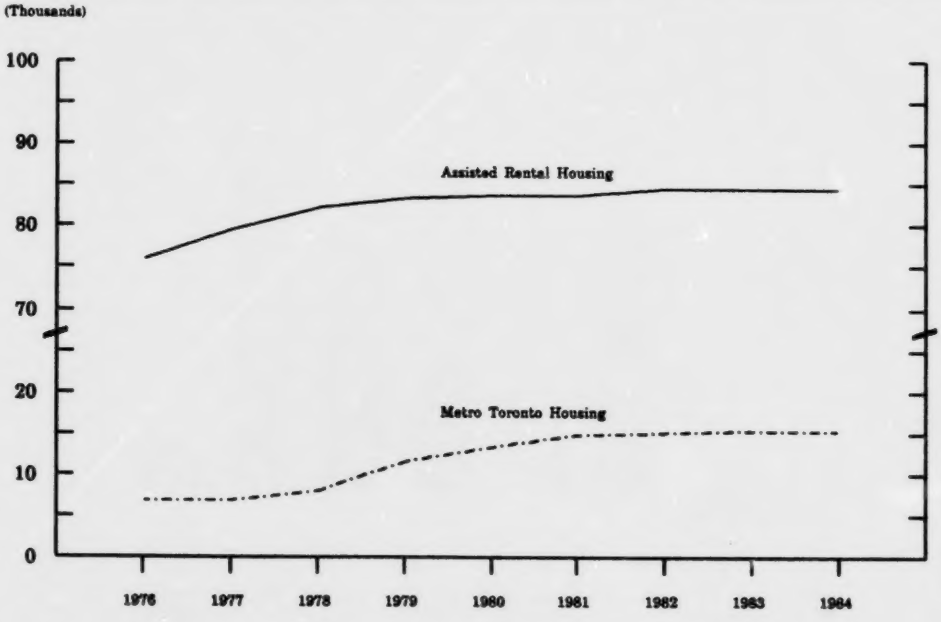
Refer to Table 10.3

Chart 10.3 Dwellings by Selected Characteristics, Ontario and Other Provinces of Canada, Census Year, 1981



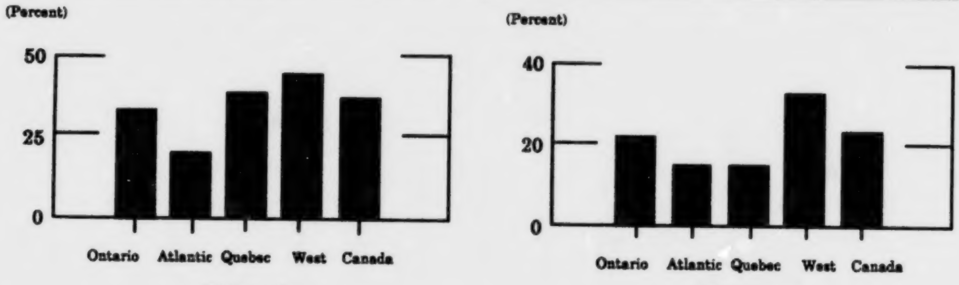
Refer to Table 10.8

Chart 10.4 Geared-to-Income Housing Units, Ontario, 1976 to 1984



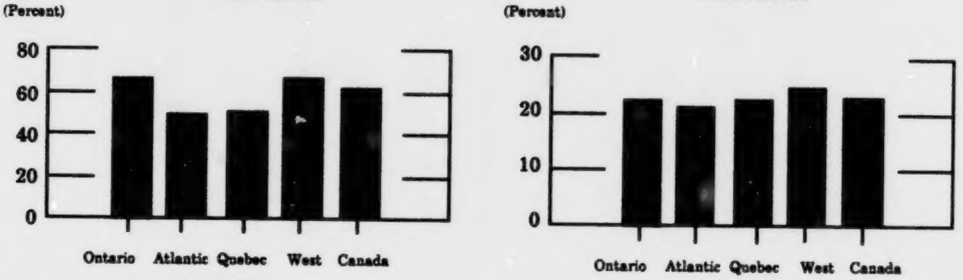
Refer to Table 10.20

Chart 10.5 Households with Selected Consumer Items, Ontario and Other Regions of Canada, 1985



Dishwashers

Microwaves

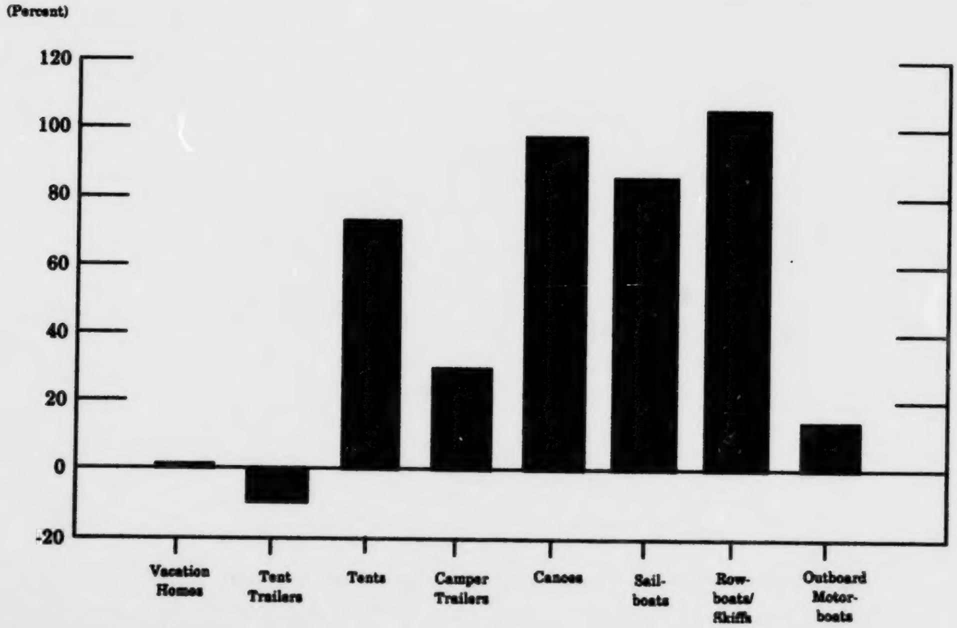


Cable Television

Video Recorders

Refer to Tables 10.25 and 10.26

Chart 10.6 Growth in the Number of Households with Selected Recreational Equipment, Ontario, 1976 to 1982



Refer to Tables 10.31 and 10.32

Table 10.1 Housing Stock, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1981	3,119.7	715.1	2,316.7	2,605.2	8,756.7	35.6
1976	2,768.2	636.3	1,992.5	2,153.9	7,550.9	36.7
1971	2,311.9	526.6	1,691.6	1,794.6	6,324.7	36.6
1966	1,941.3	475.9	1,450.1	1,535.2	5,402.5	35.9
1961	1,699.9	439.5	1,244.1	1,361.2	4,744.7	35.8
1951	1,208.2	376.4	883.4	1,054.2	3,522.2	34.3

Sources: Statistics Canada, *Census of Canada.*
Canada Mortgage and Housing Corporation, *Canadian Housing Statistics.*

Notes: 1. The sum of all private dwelling units (including vacancies) in a given area on Census Day comprises the housing stock of that area.
2. In 1951, the Yukon and Northwest Territories were excluded.
3. Recreational dwellings which are not occupied on a permanent basis are excluded.

Table 10.2 Assessed Dwellings, Ontario, 1976 to 1984

	Dwellings				
Year	Residential	Farm	OHC	Recreational	Total
			'000's		
1984^p	3,042.5	113.5	90.2	173.9	3,420.1
1983	2,997.1	113.9	90.3	173.2	3,374.5
1982	2,952.0	116.8	88.9	171.9	3,329.7
1981	2,910.3	118.6	87.6	171.4	3,288.0
1980	2,854.8	121.6	99.4	170.0	3,245.8
1979	2,818.2	124.0	94.3	162.6	3,199.1
1978	2,760.5	125.5	91.7	157.5	3,135.3
1977	2,683.0	126.9	85.3	156.4	3,051.6
1976	2,601.1	129.4	80.2	151.8	2,962.6

Source: Ministry of Municipal Affairs, Municipal Analysis and Retrieval System, (MARS).

Notes: 1. Data are for separately assessed dwelling units on the assessment roll as of December 31 of year shown.
2. Data refer to dwellings in organized municipalities only.
3. Residential includes all dwellings suitable for year round occupancy but excludes those on farms and those owned by Ontario Housing Corporation, (OHC).
4. Farm refers to dwellings on properties which are farmed.
5. OHC dwelling units are owned by the Ontario Housing Corporation.
6. Recreational Dwellings includes cottages not used for year round occupancy.
7. In 1984, 819 out of 838 municipalities are reported.

Table 10.3 **Dwellings by Type, Ontario Compared to Canada, Selected Years, 1956 to 1985**

	Single Detached		Single Attached		Apartment or Flat		Mobile Home	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's		'000's	
1985	1,865	36.2	399	51.4	982	33.5	22	9.9
1984	1,833	36.6	409	51.2	919	32.1	18	9.2
1983	1,786	36.3	380	51.1	912	32.6	..	..
1982	1,756	36.6	355	48.0	892	32.8	..	..
1981	1,724	36.6	353	51.0	861	32.8	..	..
1980	1,697	36.9	327	50.9	849	33.4	..	..
1979	1,597	36.4	332	54.1	876	34.1	..	..
1978	1,593	37.1	342	55.1	810	33.2	..	..
1977	1,581	37.3	271	48.4	822	34.9	..	..
1976	1,556	38.4	287	47.4	763	33.3	..	..
1975	1,505	37.7	251	54.8	767	33.8	..	..
1974	1,516	38.2	240	50.7	683	32.9	..	..
1973	1,470	38.3	213	50.7	670	32.8	..	..
1972	1,469	38.6	204	45.7	602	32.3	..	..
1971	1,461	39.3	201	48.3	545	30.3	..	..
1966	1,311	38.7	154	48.7	404	28.5	..	..
1961	1,142	38.9	152	50.8	336	26.3	..	..
1956	981	36.4	153	46.9	236	24.8	..	..

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes:
1. A dwelling is defined as a structurally separate set of living premises with private entrance from outside the building, or from a common hallway or stairway inside. A private dwelling is one in which one person, a family or other small group of individuals may reside, such as a single house, apartment, etc.
2. A single detached dwelling (commonly called a single house) is a house containing one dwelling unit and completely separated on all sides from any other building or structure.
3. Each half of a semi-detached or double house or each section of a row or terrace is defined as a single attached dwelling.
4. Apartment or Flat includes: (a) dwelling units in apartment blocks or apartment hotels; (b) suites in duplexes or triplexes where the division between dwelling units is horizontal; (c) suites in structurally converted houses; (d) living quarters located above or in the rear of stores, restaurants, garages or other business premises; (e) janitors quarters in schools, churches, warehouses, etc; and (f) private quarters for employees in hospitals or other types of institutions.
5. Mobile Home is a new category and was not available before 1984.

Table 10.4 Private Dwellings by Tenure, Urban and Rural, Ontario and Other Regions of Canada, 1981

	Urban	Rural		Total
		Non-farm	Farm	
		'000's		
Ontario				
Owned	1,469	339	70	1,879
Rented	1,013	74	4	1,091
Atlantic				
Owned	237	253	11	501
Rented	141	31	--	173
Quebec				
Owned	808	308	41	1,157
Rented	943	71	1	1,015
West				
Owned	1,136	334	134	1,604
Rented	758	95	8	860
Canada				
Owned	3,650	1,234	257	5,142
Rented	2,856	270	13	3,140
Ontario % of Canada				
Owned	40.3	27.5	27.2	36.5
Rented	35.5	27.2	31.7	34.7

Source: Statistics Canada, *Census of Canada, Occupied Private Dwellings*, (92-903).

Notes:
1. Data in this table are for occupied private dwellings. An occupied private dwelling is one in which a person or group of persons is permanently residing. Also included are private dwellings whose usual residents are temporarily absent on Census Day.
2. A dwelling is classified as Owned even if it is not fully paid for, such as one which has a mortgage or some other claim on it. The dwelling may be situated on rented or leased land or be part of a condominium (whether registered or unregistered).
3. A dwelling is classified as Rented even if it is provided without cash rent or at a reduced rent, or if the dwelling is part of a co-operative. For census purposes, in a co-operative all members jointly own the co-operative and occupy their dwelling units under a lease agreement.
4. Urban refers to an area having a population concentration of 1,000 or more and a population density of 400 or more per square kilometre.
5. Rural refers to all territory lying outside urban areas.
6. Census Farm refers to any agricultural holding with sales of agricultural products, during the 12 month period prior to the census of $250 or more.

Table 10.5 Private Dwellings by Tenure and Length of Occupancy, Ontario and Other Regions of Canada, 1981

	Years					
	Less Than 1	1–2	3–5	6–10	More Than 10	Total
				'000's		
Ontario						
Owned	145	221	365	350	798	1,879
Rented	343	290	235	133	90	1,091
Atlantic						
Owned	31	49	87	93	242	501
Rented	61	44	35	18	15	173
Quebec						
Owned	80	137	241	223	476	1,157
Rented	262	273	216	127	138	1,015
West						
Owned	192	240	335	291	546	1,604
Rented	354	229	154	76	48	860
Canada						
Owned	448	646	1,028	957	2,062	5,142
Rented	1,020	835	640	354	290	3,140
Ontario % of Canada						
Owned	32.4	34.1	35.5	36.5	38.7	36.5
Rented	33.6	34.7	36.7	37.6	30.9	34.7

Source: Statistics Canada, *Census of Canada, Private Households*, (92-933).

Note: See Table 10.4, notes 1, 2 and 3.

Table 10.6 Occupied Private Dwellings by Structural Type and Tenure, Ontario, 1981

	Owned	Rented	Total
		'000's	
Single Detached	1,528	163	1,691
Single Attached			
Semi-Detached	164	52	216
Row House	67	87	154
Attached to a Non-Residential Building	6	8	15
Total	237	147	384
Duplex	28	50	78
Apartment Less Than Five Stories	19	292	311
Apartment More Than Five Stories	47	434	481
Movable Dwellings	21	4	25
Total	1,879	1,091	2,970

Source: Statistics Canada, *Census of Canada, Occupied Private Dwellings*, (92-903).

Notes: 1. Movable Dwellings includes mobile homes, houseboats and railroad cars.
2. See Table 10.4, notes 1, 2 and 3.

Table 10.27 Households with Radios, Tape Recorders and Record Players, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985

Year	Radios							
	None	One	Two	Three	Four or More	Tape Recorders	Record Players/ Turntables	Total House-holds
					'000's			
1985								
Ontario	38	678	982	718	852	. .	. .	3,268
Atlantic	4	188	229	145	168	. .	. .	739
Quebec	18	704	823	456	376	. .	. .	2,376
West	48	540	810	579	713	. .	. .	2,695
Canada	118	2,110	2,844	1,899	2,109	. .	. .	9,079
Ontario % of Canada	32.2	32.1	34.5	38.0	40.4	. .	. .	36.0
Ontario								
1984	40	629	916	723	871	. .	. .	3,179
1983	35	637	901	685	819	1,754	2,488	3,078
1982	42	765	915	589	691	. .	2,454	3,003
1981	60	726	895	624	633	. .	2,375	2,938
1980	44	713	927	596	593	1,452	2,308	2,873
1979	43	726	876	598	563	1,417	2,196	2,806
1978	40	598	871	598	638	. .	2,213	2,745
1977	55	678	827	548	565	1,022	2,106	2,673
1976	37	671	792	523	583	. .	2,038	2,606
1971	55	737	670	386	359	. .	1,595	2,208
1966	65	757	539	280	228	. .	1,178	1,869
1961	67	854	432	171	106	. .	857	1,630
1956	56	870	326	87	31	. .	. .	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Radios includes all types except automobile radios.

Table 10.28 Households with Vacuum Cleaners and Electric Sewing Machines, Ontario, Selected Years, 1956 to 1981

Year	Vacuum Cleaners	Electric Sewing Machines	Total Households
		'000's	
1981	2,740	1,899	2,938
1977	2,444	1,673	2,673
1971	1,946	1,424	2,208
1961	1,292	745	1,630
1956	940	448	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 10.29 Households with Wall-to-wall Carpeting and Pianos, Ontario, Selected Years, 1972 to 1981

Year	Wall-to-wall Carpeting					
	None	One Room	Two Rooms	Three or More	Pianos	Total Households
				'000's		
1981	681	363	443	1,451	. .	2,938
1977	. .	. .	. .	. .	363	2,673
1972	1,234	421	279	341	324	2,275

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 10.7 Dwellings by Tenure, Ontario Compared to Canada, Selected Years, 1956 to 1985

	Owned							
	With Mortgage		Without Mortgage		Rented		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's		'000's	
1985	953	36.2	1,126	36.8	1,189	35.1	3,268	36.0
1984	1,053	37.8	1,004	35.7	1,122	34.5	3,179	35.9
1983	1,000	38.1	968	36.4	1,110	34.9	3,078	36.4
1982	1,087	38.2	838	35.9	1,078	35.0	3,003	36.4
1981	1,068	38.9	846	35.8	1,024	35.1	2,938	36.6
1980	1,088	38.9	788	36.4	997	35.3	2,873	36.9
1979	1,813	37.9	. .	. .	993	35.6	2,806	37.1
1978	1,800	38.7	. .	. .	945	34.9	2,745	37.3
1977	1,763	38.3	. .	. .	911	35.6	2,673	37.3
1976	1,711	39.4	. .	. .	896	34.3	2,606	37.5
1975	1,606	38.6	. .	. .	917	35.8	2,523	37.5
1974	1,597	39.0	. .	. .	842	34.8	2,440	37.5
1973	1,534	38.8	. .	. .	819	34.9	2,354	37.4
1972	1,494	39.0	. .	. .	781	34.2	2,275	37.2
1971	1,483	39.3	. .	. .	725	33.6	2,208	37.2
1966	1,328	39.1	. .	. .	541	31.2	1,869	36.5
1961	1,171	38.9	. .	. .	459	30.6	1,630	36.1
1956	1,005	37.4	. .	. .	365	28.3	1,370	34.5

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. A person or group of persons occupying one dwelling unit is defined as a household. The number of households will therefore be equal to the number of occupied dwellings. The person or persons occupying a private dwelling form a private household.
2. Rented dwellings include those dwellings: (a) occupied rent-free or under share-cropping agreements; (b) for which rent was paid in kind or in services; (c) for which rent also includes rent for business premises.
3. For all years up to and including 1979, figures shown under With Mortgage include all owned dwellings.

Table 10.8 Dwellings by Selected Characteristics, Ontario and Other Provinces of Canada, 1981

	Average							
	Rooms per Dwelling	Persons per Dwelling	Persons per Room	Gross Rent	Owner's Major Payments	House-hold Income	Median Length of Occupancy	Total Occupied Private Dwellings
	number				dollars		years	'000's
Ontario	5.9	2.8	0.5	303	380	25,577	5	2,969.8
Newfoundland	6.2	3.7	0.6	266	236	21,198	8	148.4
Prince Edward Island	6.2	3.2	0.5	265	266	19,338	7	37.7
Nova Scotia	5.9	3.0	0.5	268	284	20,476	6	273.2
New Brunswick	6.0	3.2	0.5	252	262	20,112	6	214.9
Quebec	5.3	2.9	0.5	262	356	22,869	5	2,172.9
Manitoba	5.5	2.8	0.5	266	307	21,721	5	358.0
Saskatchewan	5.8	2.8	0.5	267	301	22,637	5	332.7
Alberta	5.9	2.9	0.5	384	463	27,969	3	758.2
British Columbia	5.7	2.7	0.5	340	400	26,171	4	996.6
Yukon	5.4	2.9	0.5	309	457	29,807	2	7.6
Northwest Territories	4.9	3.8	0.8	202	407	26,359	2	11.5
Canada	5.7	2.9	0.5	296	367	24,460	5	8,281.5

Source: Statistics Canada, *Census of Canada, Private Households*, (92-933).

Notes: 1. Data are based on 20% sample.
2. Average Gross Rent applies to tenant-occupied, non-farm dwellings only and refers to the total average monthly payments paid by tenant households to secure shelter (i.e. fuel, water, other municipal services and monthly cash rent).
3. Average Owner's Major Payments applies to owner-occupied, non-farm dwellings only and refers to the total average monthly payments made by owner households to secure shelter (i.e. fuel, water, other municipal services, monthly mortgage payments and property taxes).

Table 10.30 Households with Lawn Mowers and Snowblowers, Ontario, Selected Years, 1966 to 1984

	Lawn Mowers				
Year	Gasoline	Electric	Hand	Snow-blowers	Total Households
			'000's		
1984	1,297	539	130	414	3,179
1980	1,188	459	151	348	2,873
1978	1,043	452	161	271	2,745
1976	993	419	211	209	2,606
1966	876	. .	394	. .	1,869

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 10.31 Households with Vacation Homes and Overnight Camping Equipment, Ontario, Selected Years, 1971 to 1982

		Overnight Camping Equipment					
Year	Vacation Homes	Tent Trailer	Tent	Travel Trailer	Truck Camper	Other	Total Households
				'000's			
1982	196	106	582	105	56	18	3,003
1980	182	107	494	87	56	. .	2,873
1978	186	108	468	94	52	17	2,745
1976	193	118	335	83	41	11	2,606
1971	. .	89	231	35	17	8	2,208

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Trailers or other mobile homes are excluded from Vacation Homes.

Table 10.32 Households with Boats, Ontario, Selected Years, 1971 to 1982

Year	Canoes	Sail-boats	Row-boats/ Skiffs	Outboard Motor-boats	Other	Total House-holds
			'000's			
1982	242	78	136	285	18	3,003
1980	167	61	89	252	19	2,873
1978	166	45	92	254	17	2,745
1976	122	42	66	250	21	2,606
1971	68	27	63	215	14	2,208

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 10.33 Households with Selected Recreational Items, Ontario, Selected Years, 1976 to 1985

	Adult-Size Bicycles				Skis			
Year	None	One	Two or More	Motor-cycles	Cross-country	Down-hill	Snow-mobiles	Total House-holds
				'000's				
1985	1,802	719	747	200	742	470	246	3,268
1984	. .	. .	. .	. .	753	452	. .	3,179
1982	1,535	751	716	187	697	458	228	3,003
1980	1,597	667	609	. .	573	398	272	2,873
1979	1,583	621	602	135	. .	. .	. .	2,806
1978	1,560	619	565	. .	377	386	253	2,745
1977	1,556	570	547	172	. .	. .	239	2,673
1976	1,533	533	540	. .	. .	. .	242	2,606

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 10.9 Dwellings by Number of Rooms, Ontario, Selected Years, 1956 to 1985

Year	One – Three	Four	Five	Six	Seven +	Total
				'000's		
1985	382	412	607	670	1,197	3,268
1984	353	430	565	697	1,135	3,179
1983	360	401	588	704	1,025	3,078
1982	362	393	541	678	1,028	3,003
1981	329	386	541	688	994	2,938
1980	323	398	563	672	916	2,873
1979	352	405	544	650	853	2,806
1978	326	424	531	659	804	2,745
1977	338	383	551	628	774	2,673
1976	283	383	583	610	746	2,606
1975	323	370	564	617	648	2,523
1974	293	354	532	614	645	2,440
1973	299	354	513	586	603	2,354
1972	261	347	528	566	573	2,275
1971	242	331	514	572	550	2,208
1966	167	262	447	520	473	1,869
1961	157	236	381	465	391	1,630
1956	133	216	293	369	359	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: In determining the number of rooms in a dwelling, only those rooms used or suitable for living purposes, including rooms occupied by servants, lodgers, or members of lodging families are counted. The following are not counted as rooms: bathrooms, pantries, halls, clothes closets and rooms used solely for business purposes. Summer kitchens, sunrooms, rooms in basements or attics are not counted unless they were finished and suitable for living quarters throughout the year. Kitchenettes are counted if the normal kitchen functions are carried out therein and if they contain, as a minimum, cooking facilities such as a stove or range, and a sink or tub.

Table 10.10 Dwellings by Number of Bedrooms, Ontario, Selected Years, 1961 to 1985

Year	None	One	Two	Three	Four +	Total
				'000's		
1985	57	495	766	1,396	554	3,268
1984	56	429	816	1,313	565	3,179
1983	64	443	760	1,281	529	3,078
1982	70	438	716	1,270	508	3,003
1981	58	403	726	1,250	502	2,938
1980	54	421	712	1,236	451	2,873
1979	62	420	714	1,154	455	2,806
1978	69	369	687	1,157	463	2,745
1977	60	384	661	1,096	473	2,673
1976	48	335	669	1,083	472	2,606
1975	51	349	655	1,061	405	2,523
1974	59	315	611	1,049	405	2,440
1973	42	322	600	999	390	2,354
1972	42	304	571	967	391	2,275
1971	41	265	561	964	376	2,208
1966	19	190	497	838	325	1,869
1961	26	162	454	706	282	1,630

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Bedrooms include all rooms furnished as bedrooms and used as such, even though the use may be occasional as in the case of a spare bedroom. Bed-sitting rooms, or other such rooms used for sleeping and living are not included. In the case of all one-room dwellings such as bachelor apartments, and of many other small dwellings, no bedroom would be reported.

Table 10.11 Dwellings by Number of Persons, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985

Year	Persons per Dwelling					
	One	Two	Three	Four	Five +	Total
				'000's		
1985						
Ontario	671	1,017	561	629	387	3,268
Atlantic	110	195	145	159	115	739
Quebec	457	742	475	449	241	2,376
West	627	845	455	472	277	2,695
Canada	1,864	2,799	1,636	1,708	1,072	9,079
Ontario % of Canada	36.0	36.3	34.3	36.8	36.1	36.0
Ontario						
1984	645	911	593	627	400	3,179
1983	594	950	542	593	399	3,078
1982	627	858	518	582	418	3,003
1981	568	887	497	569	417	2,938
1980	542	849	495	556	431	2,873
1979	517	836	476	542	435	2,806
1978	485	765	483	550	462	2,745
1977	460	756	473	506	479	2,673
1976	409	738	463	498	498	2,606
1975	383	753	447	457	483	2,523
1974	364	684	425	464	503	2,440
1973	329	647	417	443	517	2,354
1972	324	593	413	425	518	2,275
1971	251	562	411	416	568	2,208
1966	156	449	331	374	559	1,869
1961	109	385	307	336	493	1,630
1956	92	333	265	268	412	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 10.12 Crowded Dwellings, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1981	57.4	30.9	59.9	63.1	211.2	27.2
1971	150.7	79.2	199.4	140.2	569.5	26.5
1961	194.3	90.0	260.0	206.6	750.9	25.9
1951	151.7	78.3	217.0	194.8	641.8	23.6

Sources: Statistics Canada, *Census of Canada.*
Canada Mortgage and Housing Corporation, *Canadian Housing Statistics.*

Notes: 1. A crowded household has more than one person per room.
2. In 1951, the Yukon and Northwest Territories were excluded.

Table 10.13 Dwellings by Water Supply and Source of Water, Ontario, Selected Years, 1956 to 1985

	Inside Water Supply			Source of Piped Running Water		
Year	Hot & Cold	Cold Only	None	Community Water Main System	Other	Total
				'000's		
1985	3,249	14	5	. .	. .	3,268
1984	3,163	14	2	. .	. .	3,179
1983	3,067	6	5	. .	. .	3,078
1982	2,986	11	6	. .	. .	3,003
1981	2,917	15	6	2,536	396	2,938
1980	2,855	9	9	2,481	383	2,873
1979	2,784	10	12	2,407	386	2,806
1978	2,724	9	12	2,361	373	2,745
1977	2,650	14	10	2,294	369	2,673
1976	2,570	23	13	2,234	359	2,606
1975	2,481	24	18	2,165	340	2,523
1974	2,373	50	16	2,067	356	2,440
1973	2,269	57	28	1,982	344	2,354
1972	2,178	73	24	1,916	335	2,275
1971	2,140	44	24	1,846	338	2,208
1966	1,762	62	45	1,527	297	1,869
1961	1,467	90	73	1,311	246	1,630
1956	1,091	121	158	973	239	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Other Source of Piped Running Water refers to private wells, springs, etc.

Table 10.14 Dwellings with Installed Baths or Showers, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985

Year	None	One	Two or More	Total
		'000's		
1985				
Ontario	13	2,557	698	3,268
Atlantic	23	653	62	739
Quebec	24	2,060	292	2,376
West	30	1,924	741	2,695
Canada	92	7,195	1,792	9,079
Ontario % of Canada	14.1	35.5	39.0	36.0
Ontario				
1984	26	2,516	638	3,179
1983	17	2,496	564	3,078
1982	23	2,503	477	3,003
1981	29	2,374	536	2,938
1980	31	2,324	519	2,873
1979	35	2,279	492	2,806
1978	44	2,319	382	2,745
1977	34	2,268	371	2,673
1976	40	2,181	385	2,606
1975	49	2,171	302	2,523
1974	53	2,085	303	2,440
1973	68	2,021	264	2,354
1972	71	1,979	224	2,275
1971	79	1,905	224	2,208
1966	122	1,747	. .	1,869
1961	181	1,449	. .	1,630
1956	289	1,081	. .	1,370

Source: Statistics Canada, *Household Facilities and Equipment, (64-202).*

Notes: 1. Data on shared use facilities are included in None.
2. In 1956, 1961 and 1966, One should read One or More.

Table 10.15 Dwellings by Toilet Facilities, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985

	Flush Toilets				
Year	None	One	Two	Three or More	Total
			'000's		
1985					
Ontario	12	1,972	1,022	262	3,268
Atlantic	8	590	113	13	739
Quebec	17	1,812	484	63	2,376
West	19	1,536	848	284	2,695
Canada	61	5,909	2,468	628	9,079
Ontario % of Canada	19.7	33.4	41.4	41.7	36.0
Ontario					
1984	17	1,914	984	264	3,179
1983	12	1,858	995	208	3,078
1982	15	1,828	971	186	3,003
1981	15	1,832	902	185	2,938
1980	17	1,854	870	130	2,873
1979	25	1,906	758	115	2,806
1978	35	1,844	748	114	2,745
1977	20	1,862	666	120	2,673
1976	21	1,820	643	118	2,606
1975	28	1,803	595	90	2,523
1974	27	1,768	565	75	2,440
1973	40	1,728	506	72	2,354
1972	40	1,710	460	61	2,275
1971	46	1,636	453	66	2,208
1966	75	1,436	346	. .	1,869
1961	116	1,325	178	. .	1,630
1956	196	1,148	. .	. .	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. Dwellings with chemical toilets are included in Total only.
2. In 1961 and 1966, Two should read Two or More; in 1956, One should read One or More.
3. In 1956, 28,000 dwellings had shared use facilities; they have been included with One or More Flush Toilets.

Table 10.16 Principal Heating Equipment in Dwellings, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985

Year	Steam or Hot Water Furnaces	Hot Air Furnaces		Heating Stoves	Elec-tricity	Other	Total
		Forced	Other				
				'000's			
1985							
Ontario	621	1,989	61	80	515	--	3,268
Atlantic	174	268	7	90	182	--	739
Quebec	383	554	46	124	1,258	11	2,376
West	406	1,859	41	89	295	--	2,695
Canada	1,585	4,668	166	384	2,254	23	9,079
Ontario % of Canada	39.2	42.6	36.7	20.8	22.8	--	36.0
Ontario							
1984	641	1,920	57	105	454	--	3,179
1983	655	1,856	47	80	427	12	3,078
1982	643	1,782	52	101	402	23	3,003
1981	650	1,805	42	64	354	22	2,938
1980	610	1,729	64	85	374	11	2,873
1979	664	1,615	55	84	371	18	2,806
1978	665	1,587	58	79	344	10	2,745
1977	635	1,587	61	92	288	10	2,673
1976	600	1,544	63	76	302	22	2,606
1975	592	1,483	65	118	250	15	2,523
1974	605	1,429	67	114	211	13	2,440
1973	583	1,393	87	113	164	11	2,354
1972	531	1,357	88	123	161	15	2,275
1971	560	1,289	91	140	110	14	2,208
1966	411	1,044	160	194	. .	60	1,869
1961	338	752	247	251	. .	39	1,630
1956	284	704	. .	273	. .	106	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. Other includes cookstoves or ranges, central heating, fireplaces and portable heaters with the following exceptions: in 1966, Other also includes electricity; in 1956, 1961, 1973 and 1982, Other represents only cookstoves or ranges.

2. In 1956, there was no distinction made between Hot Air Furnaces, Forced and Other.

Table 10.17 Dwellings by Principal Heating Fuel, Ontario, Selected Years, 1956 to 1985

Year	Oil or Other Liquid Fuel	Piped or Bottled Gas	Electricity	Wood & Other	Total
			'000's		
1985	641	1,903	606	97	3,268
1984	710	1,843	520	106	3,179
1983	780	1,728	484	86	3,078
1982	830	1,626	444	103	3,003
1981	942	1,540	397	59	2,938
1980	1,016	1,393	401	63	2,873
1979	1,062	1,307	399	38	2,806
1978	1,104	1,240	366	35	2,745
1977	1,075	1,264	307	27	2,673
1976	1,088	1,193	302	23	2,606
1975	1,186	1,062	250	25	2,523
1974	1,185	1,014	211	30	2,440
1973	1,214	943	164	31	2,354
1972	1,190	893	161	30	2,275
1971	1,189	859	110	49	2,208
1966	1,105	544	35	185	1,869
1961	1,051	301	..	278	1,630
1956	712	125	..	531	1,370

Source: Statistics Canada, *Household Facilities and Equipment, (64-202).*

Notes: 1. Oil or Other Liquid Fuel includes kerosene.
2. Wood & Other is mainly wood and coal or coke, but in 1966 it also included bottled gas and sawdust. Prior to 1966, electricity and briquettes were included as well.

Table 10.18 Dwellings with Supplementary Heating Equipment and Fireplaces, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985

Year	Supplementary Heating Equipment				Fireplaces
	Heating Stoves	Cookstove or Range	Portable Heater	Other	
			'000's		
1985					
Ontario	236	25	306	108	735
Atlantic	143	38	56	51	126
Quebec	375	4	96	117	334
West	184	11	229	107	815
Canada	938	105	686	386	2,009
Ontario % of Canada	25.2	23.8	44.6	28.0	36.6
Ontario					
1983	216	51	364	80	731
1981	146	37	458	58	732
1979	117	37	427	41	619
1956	100	128	14	--	14

Source: Statistics Canada, *Household Facilities and Equipment, (64-202).*

Note: Fireplaces includes only fuel-burning fireplaces.

Table 10.19 Dwellings with Air Conditioners, Ontario and Other Regions of Canada, Selected Years, 1966 to 1985

Year	None	Window	Central	Total
		'000's		
1985				
Ontario	2,290	529	449	3,268
Atlantic	716	14	9	739
Quebec	2,114	195	67	2,376
West	2,338	201	157	2,695
Canada	7,459	943	677	9,079
Ontario % of Canada	30.7	56.0	66.3	36.0
Ontario				
1984	2,262	463	454	3,179
1983	2,200	462	415	3,078
1982	2,173	494	336	3,003
1981	2,119	523	295	2,938
1980	2,059	539	275	2,873
1979	2,016	554	236	2,806
1978	2,004	515	227	2,745
1977	1,972	503	198	2,673
1976	1,974	463	168	2,606
1975	1,998	407	117	2,523
1974	2,023	331	86	2,440
1973	2,086	268	. .	2,354
1972	2,054	221	. .	2,275
1971	2,010	197	. .	2,208
1966	1,791	78	. .	1,869

Source: Statistics Canada, *Household Facilities and Equipment, (64-202).*

Note: Prior to 1974, data were collected for dwellings with window air conditioners only.

Table 10.20 Geared-to-Income Housing Units, Ontario, 1976 to 1984

Year	Assisted Rental Housing	Metro Toronto Housing	Rural & Native Housing	Commercial Rent Supplement	Community Rent Supplement	Total
				number		
1984^r	84,342	15,050	1,569	12,186	4,186	117,333
1983^r	84,308	15,020	1,383	11,411	4,167	116,289
1982^r	84,177	14,670	1,250	11,094	4,176	115,367
1981^r	83,321	14,260	1,001	10,276	4,241	113,099
1980	83,321	12,913	600	9,687	4,049	110,570
1979	83,073	11,213	418	9,399	3,080	107,183
1978	81,726	7,615	318	8,880	2,089	100,628
1977	79,215	6,487	184	7,820	1,150	94,856
1976	75,633	6,488	43	6,132	558	88,854

Source: Ministry of Housing, unpublished data from Financial Services Branch.

Notes: 1. Data are as of December 31.
2. Metro Toronto Housing refers to Metro Toronto Housing Company Limited.

Table 10.21 Family and Senior Citizen Geared-to-Income Housing Units, Ontario, Selected Years, 1964 to 1984

Year	Families	Senior Citizens	Total
		number	
1984	61,583	55,756	117,339
1982[r]	47,618	67,749	115,367
1980	46,833	64,493	111,326
1976	43,010	46,065	89,075
1972	30,784	23,313	54,097
1968	17,856	6,478	24,334
1964	7,914	3,170	11,084

Sources: Ministry of Housing.
Metro Toronto Housing Company Limited.

Notes:
1. The 1982 totals include 5,352 geared-to-income units in non-profit and co-operative housing projects of which about 60% are family and 40% are senior citizen units.
2. Data are as of July 1.
3. Families include single persons and couples, without children, under the age of 60 who qualify on medical grounds.

Table 10.22 Non-Profit and Co-operative Housing Units, Ontario, Selected Years, 1982 and 1984

	Families	Senior Citizens	Special & Others	Total
			number	
1984				
Non-Profit	16,679	17,627	4,447	38,753
Co-operative	11,635	663	371	12,669
Total	28,314	18,290	4,818	51,422
1982				
Non-Profit	11,699	16,102	934	28,735
Co-operative	9,227	582	11	9,820
Total	20,926	16,684	945	38,555

Sources: Ministry of Housing, unpublished data.
Canada Mortgage and Housing Corporation.

Notes:
1. Data represent the number of units under management as of December 31.
2. Non-Profit includes both municipal and private.

Table 10.23 Households with Telephones, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985

Year	None	One	Two	Three or More	Total Households
			'000's		
1985					
Ontario	33	1,364	1,220	651	3,268
Atlantic	31	389	238	75	739
Quebec	34	1,300	739	303	2,376
West	64	1,306	884	441	2,695
Canada	164	4,360	3,080	1,475	9,079
Ontario % of Canada	20.1	31.3	39.6	44.1	36.0
Ontario					
1984	30	1,432	1,121	596	3,179
1983	54	1,550	1,065	408	3,078
1982	44	1,624	1,042	293	3,003
1981	55	1,619	1,000	265	2,938
1980	60	1,737	896	180	2,873
1979	54	1,727	837	187	2,806
1978	72	1,687	808	178	2,745
1977	64	1,713	744	152	2,673
1976	66	1,717	698	126	2,606
1971	81	1,565	562	. .	2,208
1966	108	1,413	348	. .	1,869
1961	132	1,305	193	. .	1,630
1956	196	1,174	. .	. .	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: For 1961 to 1971 Two should read Two or More.

Table 10.24 Households with Automobiles, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985

Year	None	One	Two	Three or More	Total Households
			'000's		
1985					
Ontario	658	1,752	717	141	3,268
Atlantic	200	411	109	18	739
Quebec	656	1,313	355	52	2,376
West	563	1,496	532	106	2,695
Canada	2,077	4,972	1,712	319	9,079
Ontario % of Canada	31.7	35.2	41.9	44.2	36.0
Ontario					
1984	676	1,672	712	119	3,179
1983	617	1,554	747	160	3,078
1982	597	1,514	727	165	3,003
1981	546	1,554	694	145	2,938
1980	565	1,494	668	146	2,873
1979	574	1,511	594	127	2,806
1978	546	1,469	613	117	2,745
1977	544	1,432	586	112	2,673
1976	498	1,431	571	107	2,606
1971	430	1,324	454	. .	2,208
1966	362	1,181	326	. .	1,869
1961	360	1,076	194	. .	1,630
1956	413	825	132	. .	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: For 1956 to 1971 Two should read Two or More.

Table 10.25 **Households with Selected Large Appliances, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985**

Year	Refrig-erators	Home Freezers	Clothes Washers	Clothes Dryers	Dish Washers	Micro-Wave Ovens	Total House-holds
				'000's			
1985							
Ontario	3,234	1,853	2,362	2,091	1,097	712	3,268
Atlantic	730	467	629	491	153	112	739
Quebec	2,363	1,082	1,980	1,732	916	367	2,376
West	2,681	1,772	2,052	1,910	1,191	891	2,695
Canada	9,008	5,175	7,024	6,224	3,358	2,080	9,079
Ontario % of Canada	35.9	35.8	33.6	33.6	32.7	34.2	36.0
Ontario							
1984	3,166	1,815	2,314	2,002	1,005	498	3,179
1983	3,072	1,692	2,203	1,880	913	345	3,078
1982	2,999	1,684	2,191	1,852	875	281	3,003
1981	2,926	1,568	2,119	1,752	802	215	2,938
1980	2,864	1,470	2,080	1,690	724	. .	2,873
1979	2,793	1,358	1,967	1,565	639	130	2,806
1978	2,732	1,294	1,966	1,524	596	. .	2,745
1977	2,666	1,252	1,891	1,427	524	. .	2,673
1976	2,594	1,155	1,875	1,360	470	. .	2,606
1971	2,186	755	1,711	991	189	. .	2,208
1966	1,845	462	1,551	659	57	. .	1,869
1961	1,579	204	1,419	335	24	. .	1,630
1956	1,291	100	1,192	. .	. .	. .	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. Refrigerators includes electric, mechanical and ice boxes.
2. Clothes Washers includes electric, gasoline and hand-operated.

Table 10.26 Households with Television Sets and Related Items, Ontario and Other Regions of Canada, Selected Years, 1956 to 1985

Year	Television Sets			Cable Tele-vision	Cable-vision Converters	Video Recorders	Total House-holds
	None	One	Two or More				
				'000's			
1985							
Ontario	49	1,721	1,498	2,236	. .	753	3,268
Atlantic	9	378	349	372	. .	162	739
Quebec	23	1,151	1,203	1,220	. .	541	2,376
West	66	1,481	1,149	1,837	. .	669	2,695
Canada	149	4,732	4,198	5,666	. .	2,125	9,079
Ontario % of Canada	32.9	36.4	35.7	39.5	. .	35.4	36.0
Ontario							
1984	52	1,649	1,478	2,126	1,435	429	3,179
1983	53	1,669	1,355	2,021	1,272	209	3,078
1982	55	1,770	1,178	1,984	. .	. .	3,003
1981	63	1,699	1,176	1,874	. .	. .	2,938
1980	67	1,699	1,108	1,824	. .	. .	2,873
1979	56	1,732	1,018	1,702	591	. .	2,806
1978	71	1,688	986	1,596	. .	. .	2,745
1977	72	1,709	892	1,498	. .	. .	2,673
1976	78	1,657	871	. .	. .	. .	2,606
1971	67	1,603	537	. .	. .	. .	2,208
1966	81	1,469	319	. .	. .	. .	1,869
1961	148	1,376	106	. .	. .	. .	1,630
1956	455	915	. .	. .	. .	. .	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

THE ECONOMY

Chapter 11
Economic Overview

Economic Overview

The macroeconomic data in this chapter cover economic accounts, gross provincial product by industry and investment, describing the Ontario economy in aggregate terms. The most general use of this information is in current economic analysis to monitor the performance of the total economy in terms of output, income flow patterns and the composition of demand. The System of National Accounts developed by Statistics Canada forms the general conceptual basis for most of the data. This system emphasizes economic production and consists of several parts, including income and expenditure (i.e. economic) accounts, gross domestic product by industry, and input-output analysis.

There are three basic approaches which can be employed to measure the total unduplicated value of economic production for a given geographic entity:

- the income approach, which sums all income flows accruing from production;
- the expenditure approach, which adds expenditures on goods and services in final demand categories, i.e., exclusive of expenditure on inputs which would form part of the purchase price of final goods;
- the value added by industry approach, which sums the value added by each industry, where value added is defined as the value of goods produced by an industry minus the value of goods and services purchased for use in the production process.

Sources of Data

The main data sources are:

- Provincial Economic Accounts estimates by the Ontario Ministry of Treasury and Economics and Statistics Canada;
- Statistics Canada's estimates of gross domestic product by industry;
- Statistics Canada's Private and Public Investment Intentions Survey.

Provincial economic accounts portray, in a set of aggregate figures, a comprehensive summary of the important components of economic activity in terms of transactions taking place between major groups of transactors. These transactors are persons and unincorporated business, corporate and government business enterprises, governments and non-residents. It should be noted that the persons and unincorporated business sector also includes private non-commercial institutions such as labour unions, fraternal societies, churches and charitable organizations, universities, private pension funds, and some aspects of the transactions of insurance companies. The income and expenditure approaches are used together to derive estimates of gross provincial product and expenditure in a consistent accounting framework.

The Provincial Economic Accounts data in this chapter are Ontario Ministry of Treasury and Economics estimates based on Statistics Canada's Provincial Economic Accounts and their National Accounts for Canada as a whole. The Ministry of Treasury and Economics uses the Statistics Canada numbers to develop estimates for Ontario which have a slightly different conceptual base. In the data presented here, the federal government is treated as an entity external to Ontario and not as a resident of the Province, while consumer expenditure is adjusted to include the expenditure of Ontario residents abroad and to exclude expenditures of non-Canadians in Ontario. Both Treasury and Economics and Statistics Canada treat corporate income on a domestic basis, distributing corporation profits by province in such a way as to reflect the location where earnings are accrued. One significant methodological difference is that the Ministry of Treasury and Economics separates foreign trade into exports and imports, whereas Statistics Canada shows only a residual net balance. Ministry of Treasury and Economics Provincial Accounts are published in a quarterly bulletin entitled *Economic Accounts*. For further information contact the Economic Policy Branch, Ministry of Treasury and Economics, telephone Toronto, 965-7066.

The Provincial Accounts series published by Statistics Canada cover all provinces of Canada, and therefore are the most appropriate choice for making interprovincial comparisons. However the Statistics Canada series are less timely than the Ministry of Treasury and Economics estimates. The data are published annually in *Provincial Economic Accounts, (13-213)*, approximately one year following the end of the reference period, and are also available on CANSIM.

Revisions to the national and provincial income and expenditure series are normally made by Statistics Canada once each year and usually cover the preceding three or four years of data. As these adjustments are made available, they are incorporated into the Treasury and Economics estimates. For a complete discussion of Statistics Canada concepts and methodology, see *National Income and Expenditure Accounts, Volume 3, A Guide to the National Income and Expenditure Accounts, Definitions-Concepts-Sources-Methods, (13-549)*, and *Provincial Economic Accounts, (13-213)*. For further information, contact the Gross National Product Division of Statistics Canada, telephone Ottawa, 991-3797.

Although economic accounts attempt to measure the total value of production in the economy, there are a number of major items which are not taken into account because of measurement difficulties. Household production, which is not directly compensated by wages, is not counted because of difficulties in establishing an appropriate value. Similarly, transactions in the informal economy (i.e. types of economic activity that should conceptually be counted but cannot be because of the informal business practices of vendors) are also excluded. These types of omission obviously lead to some understatement of total production.

The gross domestic product by industry approach for deriving total product estimates theoretically yields the same numbers as the income and expenditure approaches. Statistics Canada develops estimates by province for the goods-producing industries plus education and related services, hospitals, and accommodation and food services. No provincial numbers are available from this source for the service industries, except as noted above. Constant (1971) dollar estimates are provided only for selected major groups of goods-producing industries and for the three parts of the service sector identified. These data are published in *Provincial Gross Domestic Product by Industry, (61-202)*, and are also available on CANSIM. Estimates of gross domestic product for Ontario covering all industries by major groups are developed as part of the *Quarterly Provincial Forecast* generated by the Conference Board of Canada.

Input-Output (I/O) tables provide another way of looking at aggregate production, but with much greater detail on particular industries and commodities. Statistics Canada develops I/O tables for Canada which are based on data for 191 industries, 136 final demand categories and 602 commodities, and operates a program providing a regional dimension for this model. For further information, contact the Input-Output Division of Statistics Canada, telephone Ottawa, 990-8907.

The data on private and public investment are closely related to, and form the basis for, the estimates of business gross fixed capital formation and government capital expenditure appearing in the income and expenditure accounts. The investment data are somewhat broader in coverage than required for economic accounts in that they include repair expenditures. Excluded are expenditures for the acquisition of previously existing structures, used machinery and equipment unless imported, and land, since outlays of this type involve only the transfer of property and not the creation of capital.

The basic source of this data is a Statistics Canada survey covering about 24,000 establishments, augmented in a few areas where the survey approach is not practical, by estimates based on analysis of current trends and expert opinion in particular fields such as agriculture, fishing and housing. The survey is conducted twice a year, usually in the December to February period to provide estimates of intentions for the reference year, and in May to July to revise the original data by means of a mid-year review. These surveys also provide information on construction by type of structure covered in Chapter 21, Construction. The data are published in *Private and Public Investment in Canada: Outlook, (61-205)*, and *Private and Public Investment in Canada: Mid-Year Review, (61-206)*. Aggregate information is also available on CANSIM. For further information, contact the Science, Technology and Capital Stock Division of Statistics Canada, telephone Ottawa, 990-9815.

Economic Overview

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11.2 Sources of Personal Income, Ontario, 1971 and 1984
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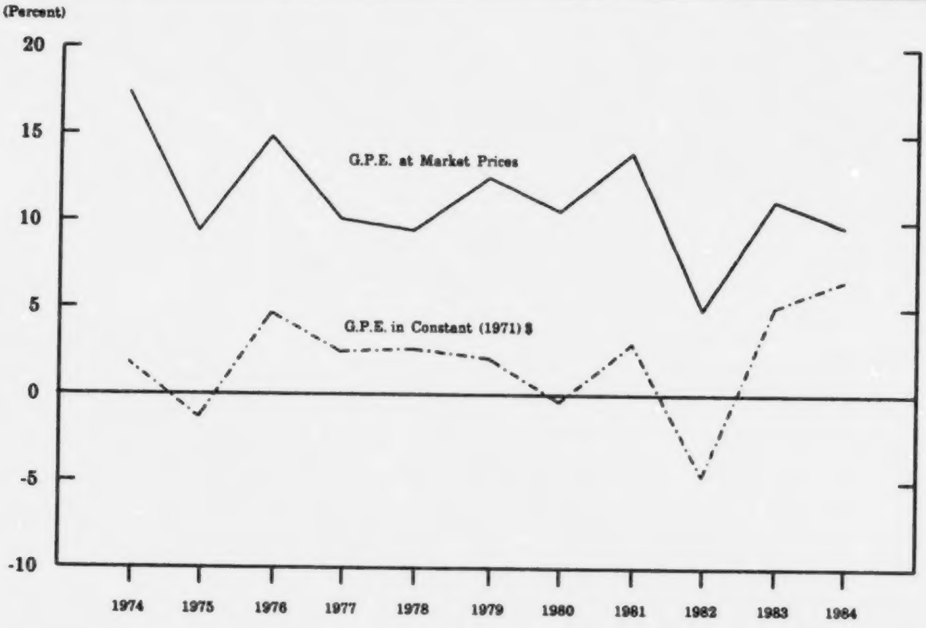
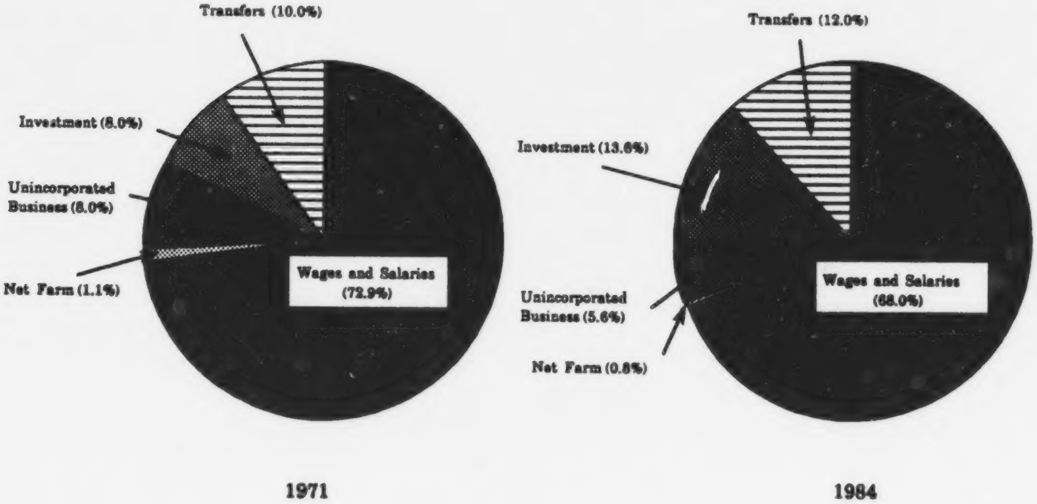
Chart 11.1 Growth Rate of Gross Provincial Expenditure, Ontario, 1974 to 1984



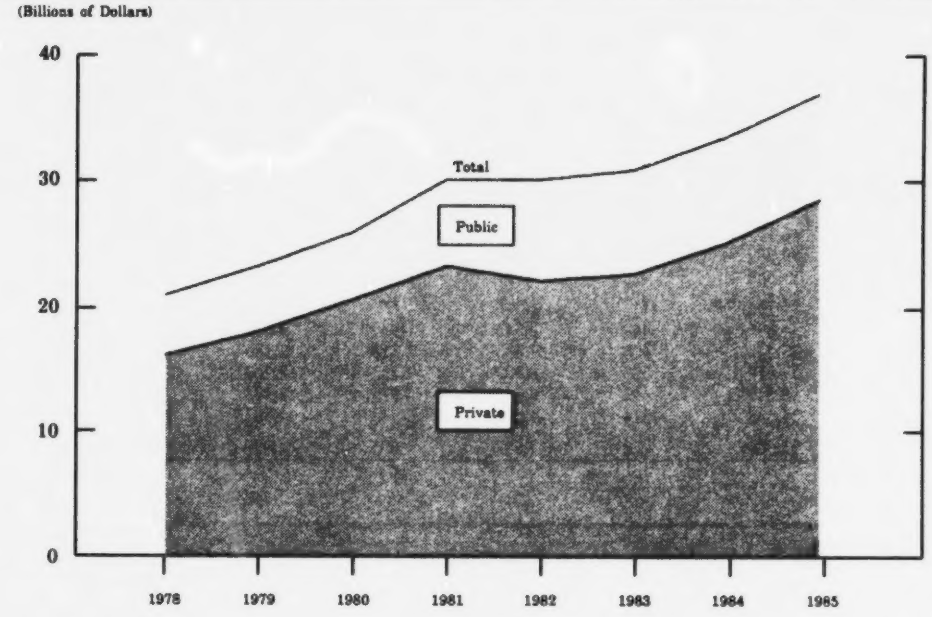
Refer to Table 11.2

Chart 11.2 Sources of Personal Income, Ontario, 1971 and 1984



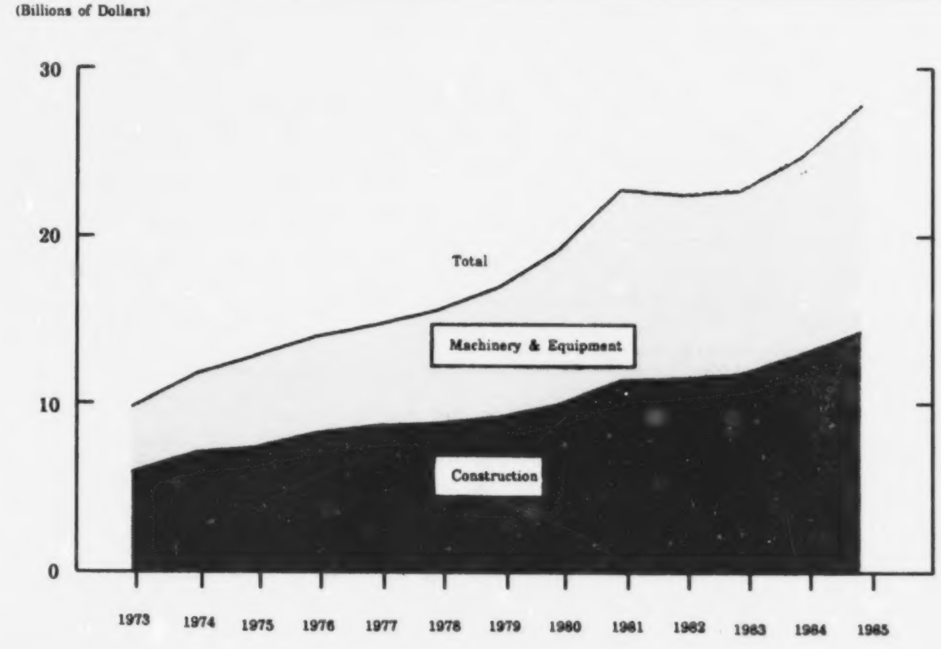
Refer to Table 11.6

Chart 11.3 Private and Public Investment, Ontario, 1978 to 1985



Refer to Table 11.17

Chart 11.4 Capital Expenditures, Ontario, 1973 to 1985



Refer to Table 11.18

Table 11.1 **Provincial Income and Gross Provincial Product, Ontario, 1971 to 1984**

Year	Wages & Salaries	Military Pay & Allowances	Corporate Profits Before Taxes	Deduct: Dividends Paid to Non-residents	Invest-ment Income	Net Farm Income	Net Income of Non-farm Unincor-porated Business
				$ millions			
1984	95,600	835	13,066	−2,396	11,068	1,178	7,886
1983	88,725	757	10,886	−1,785	9,509	868	6,979
1982^{r}	82,485	697	6,635	−2,223	9,459	698	5,649
1981^{r}	76,761	595	11,649	−2,466	8,087	953	4,628
1980^{r}	66,737	526	12,812	−1,870	6,816	855	4,048
1979	59,879	482	11,854	−1,866	6,256	876	3,640
1978	53,848	478	9,189	−1,656	5,268	709	3,369
1977	49,495	474	7,468	−1,166	4,410	712	3,050
1976	44,835	447	7,542	−986	3,535	696	2,820
1975	38,443	408	7,405	−1,114	2,786	879	3,038
1974	33,619	375	8,300	−1,233	2,760	735	2,785
1973	28,536	342	6,241	−935	2,182	590	2,711
1972	24,888	314	4,602	−746	1,862	441	2,547
1971	22,304	288	3,647	−603	1,437	354	2,463

Table 11.1 (cont'd.)

Year	Inventory Valuation Adjustment	Net Provincial Income at Factor Cost	Indirect Taxes Less Subsidies	Capital Consumption	Residual Error	Gross Provincial Product at Market Prices	Ontario % of Canada
				$ millions			
1984	−1,091	126,146	20,069	16,364	−481	162,098	38.5
1983	−1,067	114,872	18,502	15,133	−499	148,008	38.0
1982^{r}	−1,736	101,664	17,652	14,416	−196	133,536	37.3
1981^{r}	−3,073	97,134	16,965	13,489	−180	127,408	37.6
1980^{r}	−3,041	86,883	13,461	12,038	−316	112,066	37.8
1979	−3,302	77,819	12,470	10,667	−14	100,942	38.2
1978	−2,149	69,056	11,072	9,387	187	89,702	38.6
1977	−1,648	62,795	10,431	8,508	236	81,970	39.0
1976	−840	58,049	9,387	7,629	−615	74,450	38.8
1975	−1,368	50,477	7,731	6,527	67	64,802	39.2
1974	−2,023	45,318	7,880	5,752	280	59,230	40.1
1973	−1,019	38,648	6,872	4,826	76	50,422	40.8
1972	−395	33,513	6,037	4,152	−86	43,616	41.4
1971	−257	29,633	5,367	3,814	62	38,876	41.2

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
National Income and Expenditure Accounts, (13-001).
Ministry of Treasury and Economics, Economic Policy Branch.

Notes:
1. Wages and Salaries includes supplementary labour income.
2. Investment Income is composed of interest and miscellaneous investment income of persons and government investment income.
3. Net Farm Income is accrued net income of farm operators from farm production.
4. Net Income of Non-farm Unincorporated Business includes rent.
5. Capital Consumption includes miscellaneous valuation adjustments.
6. Ontario % of Canada compares Ontario Gross Provincial Product at Market Prices with Canada's Gross National Product at Market Prices.

Table 11.2 Gross Provincial Expenditure, Ontario, 1971 to 1984

Year	Personal Expenditure on Consumer Goods & Services	Government Expenditure on Goods & Services	Business Gross Fixed Capital Formation	Change in Inventories	Exports of Goods & Services	Deduct: Imports of Goods & Services
			$ millions			
1984	93,431	25,302	22,672	1,074	63,371	-51,624
1983	86,323	23,803	20,798	-380	50,048	-39,734
1982	78,070	21,576	20,220	-3,956	45,786	-35,141
1981	71,729	18,884	21,523	671	44,203	-35,628
1980	63,500	16,874	17,962	-703	39,450	-30,301
1979	57,159	15,190	16,148	1,670	34,094	-27,786
1978	52,136	14,407	14,577	-262	29,071	-24,379
1977	47,222	13,125	13,732	633	23,963	-20,762
1976	43,002	11,855	12,777	584	20,603	-18,696
1975	37,610	10,804	11,990	-205	17,552	-16,323
1974	32,891	8,997	10,783	1,714	17,011	-14,917
1973	28,421	7,558	8,982	671	14,314	-12,100
1972	25,070	6,985	7,345	470	11,627	-10,213
1971	22,398	6,350	6,479	141	10,515	-9,001

Table 11.2 (cont'd.)

Year	Exports of Goods & Services to Federal Government	Deduct: Federal Government Investment Income in Ontario	Dividends Received From Rest of Canada	Deduct: Dividends Paid to Rest of Canada	Residual Error	G.P.E. at Market Prices	G.P.E. in Constant (1971) $
				$ millions			
1984	8,884	-1,868	1,538	-996	314	162,098	54,341
1983	7,800	-1,610	1,305	-845	500	148,008	51,020
1982	7,691	-1,627	993	-692	311	133,231	48,596
1981	6,478	-1,460	1,287	-1,008	426	127,105	51,026
1980	5,441	-1,192	1,238	-795	133	111,607	49,555
1979	5,052	-1,063	1,278	-814	14	100,942	49,791
1978	4,889	-950	1,045	-645	-187	89,702	48,807
1977	4,980	-872	596	-411	-236	81,970	47,574
1976	4,400	-820	468	-338	615	74,450	46,415
1975	4,005	-801	684	-448	-67	64,802	44,296
1974	3,530	-660	718	-557	-280	59,230	44,864
1973	3,024	-553	622	-441	-76	50,422	43,990
1972	2,607	-467	433	-328	87	43,616	41,538
1971	2,390	-394	238	-179	-61	38,876	38,864

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
National Income and Expenditure Accounts, (13-001).
Ministry of Treasury and Economics, Economic Policy Branch.

Notes: 1. Change in Inventories is the value of the physical change.
2. Data in constant 1971 $ are derived using the implicit price index for Gross National Expenditure.

Table 11.3 Gross Provincial Expenditure: Government Expenditure on Goods and Services, Ontario, 1971 to 1984

Year	Current	Capital	Total
		$ millions	
1984	22,807	2,495	25,302
1983	21,450	2,353	23,803
1982	19,149	2,427	21,576
1981	16,831	2,053	18,884
1980	14,972	1,902	16,874
1979	13,399	1,791	15,190
1978	12,725	1,682	14,407
1977	11,522	1,603	13,125
1976	10,330	1,525	11,855
1975	9,196	1,608	10,804
1974	7,521	1,476	8,997
1973	6,389	1,169	7,558
1972	5,833	1,152	6,985
1971	5,280	1,070	6,350

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
Ministry of Treasury and Economics, Economic Policy Branch.

Table 11.4 Gross Provincial Expenditure: Business Gross Fixed Capital Formation, Ontario, 1971 to 1984

Year	Residential Construction	Non-Residential Construction	Machinery & Equipment	Total
		$ millions		
1984	6,159	5,804	10,709	22,672
1983	5,776	5,090	9,932	20,798
1982	4,545	6,156	9,519	20,220
1981	5,222	5,870	10,431	21,523
1980	4,390	5,062	8,510	17,962
1979	4,759	4,112	7,277	16,148
1978	4,751	3,696	6,130	14,577
1977	4,680	3,550	5,502	13,732
1976	4,363	3,328	5,086	12,777
1975	3,670	3,429	4,891	11,990
1974	3,809	2,777	4,197	10,783
1973	3,301	2,250	3,431	8,982
1972	2,567	2,059	2,719	7,345
1971	2,049	1,874	2,556	6,479

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
Ministry of Treasury and Economics, Economic Policy Branch.

Table 11.5 Gross Provincial Expenditure: Value of Physical Change in Inventories, Ontario, 1971 to 1984

Year	Non-farm Business	Farm	Total
		$ millions	
1984	1,001	73	1,074
1983	-243	-137	-380
1982^r	-3,958	-55	-4,013
1981^r	992	79	1,071
1980^r	-351	145	-206
1979	1,513	157	1,670
1978	-239	-23	-262
1977	611	22	633
1976	661	-77	584
1975	-307	102	-205
1974	1,681	33	1,714
1973	637	34	671
1972	491	-21	470
1971	135	6	141

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
Ministry of Treasury and Economics, Economic Policy Branch.

Note: Farm inventories include grain in the hands of the Canadian Wheat Board and grain held by private dealers.

Table 11.6 Sources of Personal Income, Ontario, 1971 to 1984

Year	Wages & Salaries	Net Farm Income	Net Income of Non-farm Unincorporated Business	Investment Income	Current Transfer Payments	Total
				$ millions		
1984	96,435	1,178	7,886	19,281	16,950	141,730
1983	89,482	868	6,979	16,849	16,155	130,333
1982^r	83,182	698	5,649	17,502	14,060	121,091
1981^r	77,356	953	4,628	15,449	11,286	109,672
1980^r	67,263	855	4,048	11,547	10,155	93,868
1979^r	60,361	876	3,640	10,091	8,512	83,480
1978^r	54,326	709	3,369	8,371	8,060	74,835
1977^r	49,969	712	3,050	6,567	7,119	67,417
1976^r	45,282	696	2,820	5,756	6,520	61,074
1975^r	38,851	879	3,038	5,172	5,962	53,902
1974^r	33,994	735	2,785	4,803	4,743	47,060
1973^r	28,878	590	2,711	3,856	3,849	39,884
1972^r	25,202	441	2,547	3,153	3,479	34,822
1971^r	22,592	354	2,463	2,465	3,092	30,966

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
National Income, and Expenditure Accounts, (13-201).
Ministry of Treasury and Economics, Economic Policy Branch.

Notes:
1. Wages & Salaries includes Supplementary Labour Income and Military Pay and Allowances.
2. Net Farm Income is income received by farm operators from farm production.
3. Net Income of Non-farm Unincorporated Business includes rent.
4. Investment Income includes interest, dividends and miscellaneous investment income.
5. Current Transfer Payments includes payments from Government corporations and non-residents.

Table 11.7 Disposition of Personal Income, Ontario, 1971 to 1984

Year	Personal Income	Deduct Personal Direct Taxes	Deduct Other Current Transfers to Government	Personal Disposable Income
		$ millions		
1984	141,730	24,980	2,085	114,665
1983	130,333	22,803	1,967	105,563
1982^{r}	121,091	20,945	1,714	98,432
1981^{r}	109,672	18,654	1,498	89,520
1980^{r}	93,868	15,148	1,388	77,332
1979	83,480	13,493	1,364	68,623
1978	74,835	12,287	1,244	61,304
1977	67,417	11,724	1,072	54,621
1976	61,074	10,864	969	49,241
1975	53,902	9,402	730	43,770
1974	47,060	8,469	738	37,853
1973	39,884	7,093	687	32,104
1972	34,822	6,270	659	27,893
1971	30,966	5,663	736	24,567

Table 11.7 (cont'd.)

Year	Deduct Personal Expenditure on Consumer Goods & Services	Deduct Current Transfers to Corporations	Deduct Current Transfers to Non-residents	Personal Saving	Savings Rate
			$ millions		
1984	93,431	1,460	164	19,610	17.1
1983	86,323	1,576	152	17,512	16.6
1982^{r}	78,104	2,360	142	17,826	18.1
1981^{r}	71,664	2,307	128	15,441	17.2
1980^{r}	63,549	1,666	121	11,996	15.5
1979^{r}	57,159	1,279	113	10,072	14.7
1978^{r}	52,136	871	100	8,197	13.4
1977^{r}	47,222	711	97	6,591	12.1
1976^{r}	43,002	667	92	5,480	11.1
1975^{r}	37,610	596	89	5,475	12.5
1974^{r}	32,891	567	84	4,311	11.4
1973^{r}	28,421	367	81	3,235	10.1
1972^{r}	25,070	267	64	2,492	8.9
1971^{r}	22,398	249	61	1,859	7.6

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213)*.
Ministry of Treasury and Economics, Economic Policy Branch.

Notes:
1. Personal Income minus Personal Direct Taxes minus Other Current Transfers to Government equals Personal Disposable Income. Personal Disposable Income minus Personal Expenditure on Consumer Goods and Services minus Current Transfers to Corporations minus Current Transfers to Non-residents equals Personal Saving.
2. Current Transfers to Corporations refers to interest or consumer debt.
3. From 1976 on, the personal expenditure data on a domestic basis, which is published by Statistics Canada, have been adjusted to a national basis by including net expenditure abroad. Net expenditure abroad is the difference between the expenditure of Ontario residents abroad and the expenditure of non-Canadian residents in Ontario.
4. GPP rather than GDP concept being employed in Table 11.7.

Table 11.8 **Government Revenue by Level of Government, Ontario, 1971 to 1983**

	Direct Taxes					
	Persons			Corporations & Government Business Enterprises		Non-residents
Year	Federal	Provincial	C.P.P.	Federal	Provincial	Federal
				$ millions		
1983	14,272	6,807	1,724	2,866	1,222	608
1982^r	12,974	6,149	1,822	2,506	1,044	686
1981^r	11,681	5,490	1,483	2,936	1,294	647
1980^r	9,423	4,429	1,296	3,008	1,374	580
1979	8,364	3,951	1,178	2,453	1,156	440
1978	7,414	3,835	1,038	2,102	890	339
1977	7,640	3,125	959	1,813	735	311
1976	7,756	2,252	856	1,901	791	294
1975	6,645	2,004	753	2,065	914	271
1974	6,076	1,747	646	2,094	855	262
1973	5,042	1,541	510	1,610	623	213
1972	4,343	1,450	477	1,335	472	175
1971	3,879	1,332	452	1,137	407	165

Table 11.8 (cont'd.)

	Indirect Taxes			Other Current Transfers from Persons			
Year	Federal	Provincial	Local	Federal	Provincial	Local	Hospitals
				$ millions			
1983	7,167	7,096	5,990	9	1,854	75	29
1982^r	7,289	6,292	5,582	6	1,614	67	27
1981^r	7,849	5,392	5,025	6	1,417	54	21
1980^r	5,401	4,756	4,521	7	1,313	48	20
1979	4,887	4,553	4,027	7	1,290	49	18
1978	4,565	3,566	3,656	6	1,189	36	13
1977	4,143	3,590	3,374	6	1,027	28	11
1976	3,784	3,274	2,990	5	930	24	10
1975	3,270	2,720	2,460	3	704	20	3
1974	3,360	2,881	2,131	4	714	17	3
1973	2,821	2,407	1,892	3	666	16	2
1972	2,477	1,928	1,834	3	640	14	2
1971	2,169	1,663	1,722	2	716	16	2

Table 11.8 (cont'd.)

	Investment Income				
Year	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1983	3,217	2,079	256	67	1,349
1982^r	3,091	1,960	239	61	1,176
1981^r	2,818	1,700	214	50	977
1980^r	2,387	1,329	185	34	807
1979	2,106	1,169	179	33	683
1978	1,892	996	180	23	578
1977	1,517	920	160	19	493
1976	1,281	830	114	15	417
1975	1,127	703	100	6	340
1974	989	562	76	6	277
1973	830	447	68	4	226
1972	725	399	69	3	189
1971	610	357	60	2	148

Table 11.8 (cont'd.)

Year	Current Transfer From Other Levels of Government				
	Provincial		Local		Hospitals From Provincial & Local
	From Federal	From Local	From Federal	From Provincial	
			$ millions		
1983	3,499	5	131	5,753	3,962
1982^r	2,806	7	120	5,153	3,564
1981^r	3,111	36	138	4,634	3,250
1980^r	2,888	27	123	3,844	2,683
1979	2,719	18	137	3,811	2,459
1978	2,427	1	133	3,394	2,316
1977	2,382	1	140	3,241	2,088
1976	2,364	2	93	2,903	1,975
1975	1,989	2	66	2,612	1,672
1974	1,492	1	68	2,121	1,391
1973	1,202	1	47	1,903	1,108
1972	1,160	4	74	1,702	1,041
1971	1,085	2	45	1,547	893

Table 11.8 (cont'd.)

Year	Total Revenue				
	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1983	28,139	22,562	12,205	4,058	3,073
1982^r	26,552	19,872	11,161	3,652	2,998
1981^r	25,937	18,440	10,065	3,321	2,460
1980^r	20,806	16,116	8,721	2,737	2,103
1979	18,257	14,856	8,203	2,510	1,861
1978	16,318	12,904	7,399	2,352	1,616
1977	15,430	11,780	6,943	2,118	1,452
1976	15,021	10,443	6,124	2,000	1,273
1975	13,381	9,036	5,258	1,681	1,093
1974	12,785	8,252	4,413	1,400	923
1973	10,519	6,887	3,926	1,114	736
1972	9,058	6,053	3,693	1,046	666
1971	7,962	5,562	3,390	897	600

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*

Notes:
1. Federal taxes paid by non-residents is withholding tax on income earned in Ontario.
2. Indirect Taxes includes motor vehicle licences and permits paid for by business.
3. Other Current Transfers from Persons includes the personal share of motor vehicle licences and permits and hospital and medical insurance premiums.

Table 11.9 Government Current Expenditure by Level of Government, Ontario, 1971 to 1983

Year	Current Expenditure on Goods & Services				
	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1983	7,751	7,479	9,979	3,830	65
1982[r]	7,642	6,636	9,050	3,412	61
1981[r]	6,512	6,000	7,994	2,991	75
1980[r]	5,409	5,189	7,199	2,518	48
1979	5,046	4,719	6,405	2,238	37
1978	4,793	4,364	6,198	2,130	33
1977	4,854	3,833	5,704	1,953	32
1976	4,248	3,414	5,058	1,828	30
1975	3,850	3,164	4,363	1,669	23
1974	3,330	2,476	3,698	1,347	20
1973	2,894	2,079	3,218	1,092	19
1972	2,481	1,913	2,938	982	17
1971	2,231	1,717	2,691	872	15

Table 11.9 (cont'd.)

Year	Transfer Payments to Persons				Subsidies	
	Federal	Provincial	Local	C.P.P.	Federal	Provincial
				$ millions		
1983	9,074	3,964	562	1,821	1,252	499
1982[r]	7,874	3,614	433	1,509	993	518
1981[r]	6,073	3,131	344	1,222	880	421
1980[r]	5,452	2,902	301	1,005	868	349
1979[r]	4,716	2,329	260	814	660	296
1978[r]	4,654	2,205	236	662	531	147
1977[r]	4,132	1,980	197	533	419	194
1976[r]	3,788	1,847	181	416	405	181
1975[r]	3,590	1,644	181	281	431	139
1974[r]	2,911	1,323	136	192	343	80
1973	2,348	1,071	131	135	211	38
1972	2,113	975	138	102	164	38
1971	1,654	1,093	150	70	136	51

Table 11.9 (cont'd.)

Year	Capital Assistance		Interest on the Public Debt			
	Federal	Provincial	Federal	Provincial	Local	Hospitals
			$ millions			
1983	449	16	9,716	2,844	478	11
1982[r]	363	15	9,263	2,487	456	9
1981[r]	191	12	7,922	2,318	467	8
1980[r]	217	8	5,644	1,915	425	6
1979	97	15	4,640	1,649	416	5
1978	141	22	3,678	1,468	403	6
1977	128	41	2,887	1,227	361	6
1976	92	78	2,532	1,056	325	5
1975	81	71	2,036	853	296	5
1974	50	21	1,630	714	282	5
1973	52	26	1,357	612	259	4
1972	55	27	1,188	463	227	4
1971	51	15	1,026	359	229	5

Table 11.9 (cont'd.)

	Current Transfers to Other Levels of Government				
	Federal to		Provincial to		Local to Provinces & Hospitals
Year	Provinces	Local	Local	Hospitals	
			$ millions		
1983	3,499	131	5,753	3,955	12
1982^{r}	2,806	120	5,153	3,557	14
1981^{r}	3,111	138	4,634	3,243	43
1980^{r}	2,888	123	3,844	2,676	34
1979	2,719	137	3,811	2,452	25
1978	2,427	133	3,394	2,309	8
1977	2,382	140	3,241	2,081	8
1976	2,364	93	2,903	1,968	9
1975	1,989	66	2,612	1,665	9
1974	1,492	68	2,121	1,384	8
1973	1,202	47	1,903	1,101	8
1972	1,160	74	1,702	1,034	11
1971	1,085	45	1,547	886	9

Table 11.9 (cont'd.)

	Total Current Expenditure				
Year	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1983	31,872	24,510	11,031	3,841	1,886
1982^{r}	29,061	21,978	9,953	3,421	1,570
1981^{r}	24,827	19,759	8,848	2,999	1,297
1980^{r}	20,601	16,883	7,959	2,524	1,053
1979	18,056	15,271	7,106	2,243	851
1978	16,394	13,909	6,845	2,136	695
1977	15,005	12,597	6,270	1,959	565
1976	13,597	11,447	5,573	1,833	446
1975	12,193	10,148	4,849	1,674	304
1974	9,894	8,119	4,124	1,352	212
1973	8,111	6,830	3,616	1,096	154
1972	7,235	6,152	3,314	986	119
1971	6,228	5,668	3,079	877	84

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*

Note: Current Expenditure on Goods and Services includes capital consumption allowances.

Table 11.10 Government Surplus or Deficit by Level of Government, Ontario, 1971 to 1983

	Saving				
Year	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1983	−3,733	−1,948	1,174	217	1,187
1982^{r}	−2,509	−2,106	1,208	231	1,428
1981^{r}	1,110	−1,319	1,217	322	1,163
1980^{r}	205	−767	762	213	1,050
1979^{r}	242	−415	1,097	267	1,010
1978^{r}	−40	−1,005	554	216	921
1977^{r}	488	−817	673	159	887
1976^{r}	1,499	−1,004	551	167	827
1975^{r}	1,371	−1,112	409	7	789
1974^{r}	2,961	133	289	48	711
1973	2,408	57	310	18	582
1972	1,823	−99	379	60	547
1971	1,734	−106	311	20	515

Table 11.10 (cont'd.)

	Capital Consumption Allowances				Gross Capital Formation			
Year	Federal	Provincial	Local	Hospitals	Federal	Provincial	Local	Hospitals
					$ millions			
1983	376	650	957	203	437	837	1,307	343
1982^{r}	331	571	855	179	415	915	1,251	265
1981^{r}	296	521	778	159	174	796	1,067	190
1980^{r}	258	435	690	139	284	718	1,003	181
1979	231	376	622	123	237	696	943	152
1978	203	334	561	107	299	639	877	166
1977	173	295	503	92	299	588	897	118
1976	155	266	449	83	307	558	862	105
1975	142	243	399	76	297	572	923	113
1974	120	209	340	67	320	535	800	141
1973	97	156	278	56	227	445	600	124
1972	85	131	250	49	211	412	625	115
1971	74	119	220	44	233	328	631	111

Table 11.10 (cont'd.)

Year	Surplus or Deficit (–)				
	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1983	–3,794	–2,135	824	77	1,187
1982^r	–2,593	–2,450	812	145	1,428
1981^r	1,232	–1,594	928	291	1,163
1980^r	179	–1,050	449	171	1,050
1979^r	236	–735	776	238	1,010
1978^r	–136	–1,310	238	157	921
1977^r	362	–1,110	279	133	887
1976^r	1,347	–1,296	138	145	827
1975^r	1,172	–1,441	–115	–30	789
1974^r	2,761	–193	–171	–26	711
1973	2,278	–232	–12	–50	582
1972	1,697	–380	4	–6	547
1971	1,575	–315	–100	–47	515

Source: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*

Notes: 1. Saving is total revenue minus total current expenditures.
2. Surplus or Deficit on a national accounts basis is calculated as saving plus capital consumption allowances minus gross capital formation.

Table 11.11 Personal Direct Taxes, Ontario, 1971 to 1983

Year	Federal			
		Contributions to		
	Income Taxes	Public Service Pensions	Unemployment Insurance	Total
		$ millions		
1983	10,887	681	2,704	14,272
1982^r	10,457	666	1,851	12,974
1981^r	9,246	634	1,801	11,681
1980^r	7,728	499	1,196	9,423
1979	6,799	479	1,086	8,364
1978	5,802	514	1,098	7,414
1977	6,113	515	1,012	7,640
1976	6,307	463	986	7,756
1975	5,432	430	783	6,645
1974	5,073	375	628	6,076
1973	4,364	305	373	5,042
1972	3,784	269	290	4,343
1971	3,433	237	209	3,879

Table 11.11 (cont'd.)

Year	Provincial Income Taxes	Provincial Contributions to Public Service Pensions	Provincial Contributions to Workers' Compensation	Provincial Total	Contributions to C.P.P.	Total Taxes
			$ millions			
1983	5,811	280	716	6,807	1,724	22,803
1982r	5,240	249	660	6,149	1,822	20,945
1981r	4,706	226	558	5,490	1,483	18,654
1980r	3,736	198	495	4,429	1,296	15,148
1979	3,208	199	544	3,951	1,178	13,493
1978	3,138	192	505	3,835	1,038	12,287
1977	2,475	159	491	3,125	959	11,724
1976	1,677	154	421	2,252	856	10,864
1975	1,575	129	300	2,004	753	9,402
1974	1,424	92	231	1,747	646	8,469
1973	1,275	89	177	1,541	510	7,093
1972	1,223	84	143	1,450	477	6,270
1971	1,144	74	114	1,332	452	5,663

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts*, (13-213).

Notes: 1. Contributions to Public Service Pensions, Workers' Compensation, Unemployment Insurance and Canada Pension Plan are employer and employee contributions.
2. Succession duties and estate taxes have been included with Income Taxes.

Table 11.12 Government Transfer Payments to Persons, Ontario, 1971 to 1983

Year	Federal Family & Youth Allowances	Federal Veterans Pensions & Allowances	Federal Unemployment Insurance Benefits	Federal Pensions to Government Employees	Federal Old Age Security Fund Payments	Federal Other	Federal Total	Canada Pension Plan
				$ millions				
1983	791	356	2,846	763	3,467	851	9,074	1,821
1982r	755	327	2,347	677	3,184	584	7,874	1,509
1981r	682	287	1,240	579	2,818	467	6,073	1,222
1980	631	257	1,220	511	2,417	416	5,452	1,005
1979	590	243	1,030	428	2,109	316	4,716	814
1978	771	222	1,168	341	1,823	329	4,654	662
1977	728	204	1,009	277	1,622	292	4,132	533
1976	682	188	918	233	1,488	279	3,788	416
1975	686	172	978	177	1,308	269	3,590	281
1974	619	147	607	160	1,156	222	2,911	192
1973	259	130	605	151	987	216	2,348	135
1972	220	108	602	144	849	190	2,113	102
1971	222	103	318	116	745	150	1,654	70

Table 11.12 (cont'd.)

	Provincial							
Year	Income Support	Workers' Compensation Benefits	Post-secondary Education Grants	Non-profit Associations Grants	Other	Total	Local	Total
				$ millions				
1983	693	827	1,221	480	743	3,964	562	15,421
1982^r	596	655	1,141	485	737	3,614	433	13,430
1981^r	503	515	1,023	416	674	3,131	344	10,770
1980^r	484	440	926	406	646	2,902	301	9,660
1979	406	352	870	356	345	2,329	260	8,119
1978	391	329	843	331	311	2,205	236	7,757
1977	375	280	766	286	273	1,980	197	6,842
1976	343	268	724	262	250	1,847	181	6,232
1975	318	227	629	257	213	1,644	181	5,696
1974	233	164	554	199	173	1,323	136	4,562
1973	183	132	488	154	114	1,071	131	3,685
1972	156	116	464	131	108	975	138	3,328
1971	144	99	437	108	305	1,093	150	2,967

Source: Statistics Canada, *Provincial Economic Accounts, (13-213).*

Notes:
1. Government transfer payments to persons exclude interest on public debt and capital assistance.
2. Other Federal transfers include scholarship and reserach grants, adult occupational training payments, local incentive programs, grants to universities, assistance to immigrants and grants from Canada Council.
3. Income Support under Provincial transfers mainly refers to family benefit allowance.
4. Other Povincial transfers include payments under Guaranteed Annual Income System for Aged, property and sales tax grants to senior citizens, public service pension and research and scholarship grants, etc.
5. Local transfer refers to general welfare assistance.

Table 11.13 **Gross Domestic Product at Market Prices, Ontario and Other Regions of Canada, 1971 to 1983**

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1983	151,650	23,418	90,432	136,584	402,084	37.7
1982^r	137,232	20,761	84,009	128,103	370,105	37.1
1981^r	131,680	18,756	80,015	121,588	352,039	37.4
1980^r	114,767	16,204	70,312	105,368	306,651	37.4
1979^r	103,062	16,169	62,977	89,967	272,175	37.9
1978^r	91,334	13,875	56,553	76,457	238,219	38.3
1977^r	83,361	12,412	50,575	67,188	213,536	39.0
1976^r	76,511	11,325	46,671	60,395	194,902	39.3
1975^r	66,379	9,708	39,715	52,384	168,186	39.5
1974^r	60,433	8,623	35,425	45,926	150,407	40.2
1973^r	51,548	7,487	30,006	36,299	125,339	41.1
1972^r	44,763	6,382	26,258	29,114	106,517	42.0
1971^r	39,829	5,698	23,620	25,923	95,071	41.9

Source: Statistics Canada, *Provincial Economic Accounts, (13-213).*

Table 11.14 Gross Domestic Product, Selected Industries, Ontario Compared to Canada, 1971 to 1983

	Agriculture		Forestry		Fishing Hunting & Trapping		Oil Wells, Mines & Quarries	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1983	2,530.2	27.5	383.0	16.5	28.6	4.5	1,613.0	7.8
1982	2,325.5	23.3	319.6	17.5	36.4	5.6	1,327.5	7.6
1981r	2,620.4	25.5	356.3	17.5	34.8	5.4	1,824.8	11.0
1980r	2,272.8	25.7	332.6	15.6	31.6	5.6	2,821.4	16.2
1979	2,135.5	26.3	272.9	13.5	33.0	4.9	1,784.0	12.9
1978	1,731.9	24.7	257.6	15.3	22.7	4.1	1,223.9	12.7
1977	1,601.1	27.9	236.7	15.8	17.1	4.8	1,202.3	13.3
1976	1,445.0	24.0	192.8	14.4	14.4	5.0	1,264.3	16.1
1975	1,549.9	24.8	166.0	15.4	11.1	5.7	1,128.9	16.7
1974	1,358.3	23.3	164.2	14.8	11.2	5.3	1,453.8	22.1
1973	1,194.5	25.4	126.5	12.9	13.3	5.2	1,082.0	21.5
1972	825.3	28.1	107.6	14.0	9.5	5.3	703.8	21.0
1971	694.2	25.8	100.4	15.0	7.0	4.7	642.0	21.6

Table 11.14 (cont'd.)

	Manufacturing		Construction		Electric Power, Gas & Water Utilities	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1983	35,131.8	52.6	4,904.0	29.4	4,067.4	33.3
1982	30,424.5	51.2	4,593.1	26.3	3,652.3	33.7
1981r	31,555.2	50.2	4,704.4	25.8	3,284.6	34.7
1980r	27,520.8	49.1	4,032.4	26.8	2,968.3	35.7
1979	26,015.5	50.3	3,709.3	26.2	2,728.8	37.2
1978	22,305.5	50.4	3,652.2	28.5	2,417.6	38.0
1977	19,895.1	51.1	3,713.6	29.6	2,149.2	39.9
1976	18,178.5	51.2	3,638.2	30.7	1,670.3	38.2
1975	16,012.0	51.3	3,363.7	31.8	1,372.3	38.2
1974	15,758.0	52.4	3,107.3	35.0	1,295.6	40.5
1973	13,524.3	53.3	2,618.1	35.9	1,116.0	40.7
1972	11,548.5	53.9	2,255.7	36.9	972.4	40.1
1971	10,271.9	53.9	2,073.7	35.5	851.3	38.8

Table 11.14 (cont'd.)

Year	Education & Related Services		Hospitals		Accommodation & Food Services	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1983	8,109.7	36.3	3,486.4	32.4	3,163.5	36.4
1982	7,113.9	35.1	3,182.0	32.4	2,997.3	36.3
1981^r	6,305.7	35.0	2,708.8	31.5	2,808.2	35.4
1980^r	5,632.4	35.4	2,464.6	32.6	2,528.8	35.3
1979	5,155.3	35.6	2,223.4	33.7	2,233.5	35.1
1978	4,753.9	36.0	2,092.2	34.6	1,991.7	34.8
1977	4,397.5	36.2	1,946.5	35.2	1,719.3	33.9
1976	3,987.6	37.1	1,798.5	35.6	1,572.0	33.7
1975	3,337.8	36.7	1,595.4	37.4	1,353.9	33.9
1974	2,821.5	37.0	1,296.1	36.8	1,196.8	34.8
1973	2,517.5	38.1	1,072.9	36.8	1,004.2	35.3
1972	2,373.6	39.9	977.5	37.7	862.8	35.7
1971	2,157.3	40.5	883.7	37.4	784.5	36.6

Source: Statistics Canada, *Provincial Gross Domestic Product by Industry*, (61-202).

Table 11.15 Gross Domestic Product in Constant (1971) Prices, Selected Industries, Ontario, 1971 to 1983

Year	Agriculture	Fishing, Hunting & Trapping	Manufacturing	Education & Related Services	Hospitals	Accommodation & Food Services
				$ millions		
1983	924.6	8.9	13,248.4	2,413.8	891,3	1,091.3
1982	853.8	9.6	12,280.3	2,377.7	882.4	1,110.7
1981^r	976.5	9.2	13,775.3	2,388.8	860.2	1,161.4
1980^r	937.5	9.8	13,543.8	2,366.4	860.1	1,152.7
1979	888.1	8.8	14,432.3	2,354.1	858.5	1,131.4
1978	818.0	7.9	13,577.7	2,359.9	857.8	1,116.6
1977	951.8	7.6	13,066.6	2,375.0	858.8	1,046.7
1976	803.5	6.1	12,782.8	2,385.1	863.2	1,011.2
1975	874.9	6.9	12,015.7	2,356.9	896.3	927.2
1974	810.5	7.9	12,861.7	2.277.8	879.7	931.3
1973	818.7	8.5	12,499.9	2,251.6	869.6	883.7
1972	614.2	7.7	11,133.5	2,201.4	881.2	818.2
1971	694.2	7.0	10,271.9	2,157.3	883.7	784.5

Source: Statistics Canada, *Provincial Gross Domestic Product, by Industry*, (61-202).

Table 11.16 Capital and Repair Expenditures, Ontario, Selected Years, 1956 to 1985

Year	Capital Expenditures		Repair Expenditures		Capital & Repair Expenditures			
	Construction	Machinery & Equipment	Construction	Machinery & Equipment	Construction	Machinery & Equipment	Total	% of Canada
					$ millions			
1985	14,384	13,502	3,660	5,465	18,044	18,967	37,011	33.9
1984	13,085	11,742	3,525	5,296	16,610	17,038	33,647	33.4
1983^{r}	11,749	10,974	3,221	4,753	14,971	15,728	30,698	31.4
1982^{r}	11,449	10,974	2,960	4,465	14,409	15,439	29,848	29.9
1981	11,333	11,408	2,855	4,323	14,188	15,731	29,919	29.4
1980	9,865	9,241	2,574	3,967	12,439	13,208	25,647	29.9
1979	9,220	7,873	2,350	3,574	11,570	11,448	23,018	30.6
1978	8,914	6,647	2,065	3,099	10,980	9,746	20,725	31.9
1977	8,725	6,008	1,889	2,789	10,614	8,796	19,410	32.5
1976	8,370	5,578	1,696	2,485	10,066	8,063	18,129	32.7
1975	7,493	5,428	1,496	2,139	8,989	7,566	16,555	34.2
1974	7,088	4,728	1,413	1,958	8,501	6,686	15,187	36.1
1973	5,981	3,734	1,154	1,686	7,135	5,420	12,555	36.7
1972	5,253	2,984	1,023	1,512	6,276	4,496	10,772	37.4
1971	4,662	2,798	935	1,383	5,597	4,181	9,778	37.3
1966	3,116	2,173	699	929	3,815	3,102	6,917	35.6
1961	1,828	1,000	501	594	2,329	1,594	3,923	34.7
1956	1,838	1,054	376	510	2,214	1,564	3,777	35.7

Sources: Statistics Canada, *Private and Public Investment in Canada, Outlook, (61-205).*
Private and Public Investment in Canada, Mid-Year Review, (61-206).

Notes: 1. Data for 1985 are revised investment intentions.
2. Data for 1984 are preliminary actual expenditures.

Table 11.17 Private and Public Investment, Ontario, 1976 to 1985

Year	Private Capital & Repair Expenditures			Public Capital & Repair Expenditures		
	Construction	Machinery & Equipment	Total	Construction	Machinery & Equipment	Total
				$ millions		
1985	13,132	15,361	28,493	4,912	3,607	8,519
1984	11,862	13,328	25,190	4,747	3,709	8,457
1983^{r}	10,802	11,790	22,592	4,169	3,937	8,107
1982^{r}	10,086	11,748	21,834	4,323	3,691	8,014
1981	10,435	12,725	23,160	3,753	3,006	6,759
1980	9,120	11,202	20,322	3,319	2,006	5,325
1979	8,477	9,425	17,902	3,094	2,023	5,116
1978	7,945	7,920	15,865	3,035	1,826	4,860
1977	7,729	7,149	14,877	2,885	1,648	4,533
1976	7,275	6,418	13,693	2,791	1,645	4,436

Sources: Statistics Canada, *Private and Public Investment in Canada, Outlook, (61-205).*
Private and Public Investment in Canada, Mid-Year Review, (61-206).

Note: See notes, Table 11.16.

Table 11.18 Capital Expenditures, Ontario Compared to Canada, Selected Years, 1951 to 1985

	Construction		Machinery & Equipment		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1985	14,384	28.8	13,502	42.0	27,886	34.0
1984	13,085	28.8	11,742	39.7	24,827	33.1
1983^{r}	11,749	25.7	10,974	39.4	22,724	30.9
1982^{r}	11,449	24.6	10,974	36.3	22,423	29.2
1981	11,333	23.7	11,408	35.9	22,741	28.6
1980	9,865	24.6	9,241	35.5	19,106	28.9
1979	9,220	25.7	7,873	35.0	17,093	29.3
1978	8,914	27.9	6,647	36.0	15,561	30.9
1977	8,725	29.0	6,008	36.5	14,732	31.6
1976	8,370	29.7	5,578	36.0	13,948	32.0
1975	7,493	31.1	5,428	38.3	12,920	33.8
1974	7,088	34.1	4,728	39.0	11,816	35.9
1973	5,981	35.3	3,734	38.6	9,715	36.5
1972	5,253	36.3	2,984	38.5	8,237	37.1
1971	4,662	35.1	2,798	40.5	7,460	37.0
1966	3,088	33.2	2,173	37.4	5,261	34.9
1961	1,794	31.9	1,000	37.7	2,794	33.7
1956	1,788	32.9	1,054	38.2	2,842	34.7
1951	1,023	35.6	717	38.4	1,740	39.5

Sources: Statistics Canada, *Private and Public Investment in Canada, Outlook,* (61-205).
Private and Public Investment in Canada, Mid-Year Review, (61-206).

Note: See notes, Table 11.16.

Table 11.19 Capital Expenditures by Sector, Ontario, Selected Years, 1951 to 1985

	Primary Industries & Construction			Manufacturing		
Year	Construction	Machinery & Equipment	Total	Construction	Machinery & Equipment	Total
				$ millions		
1985	813	1,389	2,202	1,098	4,686	5,784
1984	811	1,342	2,152	775	3,327	4,101
1983^{r}	793	1,214	2,007	721	3,168	3,888
1982^{r}	910	1,182	2,092	925	3,676	4,601
1981	895	1,222	2,117	1,158	4,488	5,647
1980	764	1,105	1,869	1,047	3,732	4,779
1979	568	1,098	1,667	728	2,817	3,545
1978	455	898	1,353	803	2,283	3,086
1977	430	852	1,282	950	2,409	3,359
1976	409	802	1,211	830	2,186	3,016
1975	348	704	1,051	738	2,123	2,861
1974	294	604	898	570	1,683	2,252
1973	229	493	721	372	1,263	1,635
1972	215	443	658	314	1,027	1,341
1971	213	394	607	312	1,020	1,332
1966	197	308	506	389	1,031	1,420
1961	70	155	225	125	409	534
1956	144	230	374	189	441	630
1951	44	168	212	138	257	395

Table 11.19 (cont'd.)

Year	Utilities			Trade, Finance & Commercial Services		
	Construction	Machinery & Equipment	Total	Construction	Machinery & Equipment	Total
			$ millions			
1985	2,290	3,164	5,454	2,459	3,352	5,811
1984	2,150	3,285	5,435	1,962	2,942	4,904
1983^{r}	1,794	3,585	5,380	1,700	2,372	4,072
1982^{r}	2,516	3,373	5,889	1,571	2,134	3,705
1981	1,953	2,932	4,885	1,516	2,191	3,707
1980	1,576	2,083	3,659	1,409	1,931	3,340
1979	1,397	1,959	3,356	1,185	1,659	2,844
1978	1,293	1,749	3,042	947	1,374	2,321
1977	1,102	1,311	2,413	864	1,070	1,935
1976	1,047	1,328	2,374	868	940	1,808
1975	1,313	1,368	2,681	864	907	1,771
1974	902	1,225	2,127	884	898	1,782
1973	773	1,033	1,806	749	711	1,460
1972	822	764	1,586	564	547	1,111
1971	763	791	1,554	469	416	884
1966	410	425	836	280	270	551
1961	291	227	518	165	148	313
1956	284	217	501	147	124	271
1951	188	173	361	86	89	175

Table 11.19 (cont'd.)

Year	Institutions & Government Departments			Housing Construction	Total Capital Expenditure		
	Construction	Machinery & Equipment	Total		Construction	Machinery & Equipment	Total
				$ millions			
1985	2,699	911	3,610	5,025	14,384	13,502	27,886
1984	2,702	846	3,548	4,686	13,085	11,742	24,827
1983^{r}	2,366	636	3,002	4,376	11,749	10,974	22,724
1982^{r}	2,387	609	2,996	3,140	11,449	10,974	22,423
1981	2,066	575	2,642	3,743	11,333	11,408	22,741
1980	1,928	391	2,319	3,140	9,865	9,241	19,106
1979	1,794	340	2,133	3,548	9,220	7,873	17,093
1978	1,718	343	2,061	3,699	8,914	6,647	15,561
1977	1,632	365	1,997	3,746	8,725	6,008	14,732
1976	1,605	324	1,929	3,611	8,370	5,578	13,948
1975	1,677	327	2,003	2,554	7,493	5,428	12,920
1974	1,566	319	1,885	2,872	7,088	4,728	11,816
1973	1,282	234	1,516	2,577	5,981	3,734	9,715
1972	1,302	202	1,504	2,037	5,253	2,984	8,237
1971	1,263	179	1,441	1,642	4,662	2,798	7,460
1966	935	137	1,073	876	3,088	2,173	5,261
1961	599	61	660	543	1,794	1,000	2,794
1956	424	42	466	602	1,788	1,054	2,842
1951	234	30	264	333	1,023	717	1,740

Sources: Statistics Canada, *Private and Public Investment in Canada, Outlook, (61-205).*
Private and Public Investment in Canada, Mid-Year Review, (61-206).

Notes: 1. See notes, Table 11.16.
2. Housing consists of construction only.

Chapter 12
Prices

Prices

Price statistics, normally presented as indexes of change over a given base year, provide a means of measuring movements in the cost of purchasing particular goods and services. They can serve as indicators of inflation and are used as deflators to measure production in real terms. This latter aspect is important for considering changes in volume of output for those items which can only be measured in monetary terms. Price indexes can also be used to protect real income through the indexation of income tax provisions, pension plans, assistance programs, and labour and business contracts.

Sources of Data

Statistics Canada provides price indexes covering the following areas:

- gross national expenditure implicit prices;
- consumer prices;
- construction prices;
- industry prices;
- external trade;
- farm prices.

Much of the available price data refer to Canada only. However, some indexes, such as the building construction input price index, are specific to Ontario, while others, such as the consumer price index and the new housing price index, relate to particular urban areas in the Province.

The gross national expenditure implicit price indexes are the most comprehensive measures available, referring to total expenditure on all goods and services in the Canadian economy. They can therefore be used as a measure of price changes taking place in the economy as a whole. At this level of aggregation, changes in prices for Canada provide a reasonable approximation of price trends in the Ontario economy. The indexes are available for total gross national expenditure and for its main expenditure components covering consumer expenditure, government spending, business investment and foreign trade.

Statistics Canada derive these indexes as a by-product of their deflation of current gross national expenditure, by dividing current values by constant dollar series. The resultant indexes are currently-weighted Paasche-type price indexes which reflect not only price changes, but also changes in the expenditure pattern of the group to which they refer. Generally, these changes in expenditure patterns are not sufficiently important to interfere with use of the indexes to measure year-to-year price changes, but major expenditure shifts sometimes affect the validity of the index.

The gross national expenditure implicit price indexes are published quarterly in *National Income and Expenditure Accounts, (13-001)*, and are available on CANSIM. Further information on their derivation is available in *National Income and Expenditure Accounts, Volume 3, A Guide to the National Income and Expenditure Accounts, Definitions-Concepts-Sources-Methods*, (13-549), or from the Gross National Product Division of Statistics Canada, telephone Ottawa, 991-3797.

The Consumer Price Index (CPI) is the most widely known and used measure of price change. The CPI is a monthly index based on surveys of prices covering up to 400 consumer commodities in 64 urban centres. Separate indexes are published for fifteen regional cities across Canada, including Ottawa, Toronto and Thunder Bay.

The CPI is a base-weighted Laspeyres-type price index which reflects price changes of a fixed basket of goods and services. Because the basket of goods and services is held constant, the CPI, in contrast to the gross national expenditures implicit price indexes, reflects only price movements and not changes in the quantity or quality of consumer spending patterns.

The weights used to fix consumer expenditure patterns are updated from time to time, with the current basket selected on the basis of information from the 1982 Family Expenditure Survey. This survey covers persons living in private households (both families and individuals) in urban centres of 30,000 or more. This urban orientation of the weighting, combined with urban price surveys, leads to a CPI which relates only to urban consumers.

The CPI covers eight major commodity groupings: all items; food; housing; clothing; transportation; health and personal care; recreation; reading and education; and tobacco and alcohol. Within each category, considerable commodity detail is available. As well, some special aggregates, such as all items except food, all items except energy, and energy, are constructed to allow measurement of particular commodity groups.

The CPI is available on a seasonally adjusted basis, but only for Canada as a whole. The indexes for each of the 15 regional cities show price movements over time within each specific city. However, they do not indicate price level differences between cities. To make valid comparisons between cities at one specific point in time, special inter-city indexes are available.

The CPI should not be considered a cost-of-living index. To some extent as prices change, consumers can shift their spending patterns to replace relatively more expensive commodities with substitutes. Also, the CPI does not attempt to cover every item which a consumer might purchase.

Basic CPI data are published monthly in *The Consumer Price Index, (62-001)*, with more detailed information and inter-city indexes issued quarterly in *Consumer Prices and Price Indexes, (62-010)*. The information is also available on CANSIM. As an annual supplement to the quarterly publication, Statistics Canada publishes experimental CPI data for low income families and individuals.

Statistics Canada develops a wide range of input and output price indexes for both residential and non-residential construction. The construction input price indexes reflect changes in the cost of labour and material, but exclude productivity changes and other items such as site preparation, overhead and profit. Prices of materials are based on manufacturers' commodity selling prices, while labour rates reflect movements in basic union wage rates for various trades.

New housing price indexes measure changes in selling prices and reflect the price of both dwellings and land. These indexes are based on houses constructed by large and medium volume builders in urban areas. The indexes relating to serviced land are based on builders' estimates of value, which are slow to change, especially in a downward direction. Non-residential construction price indexes are available by type of building, with specific indexes related to highways, electrical utilities and specialized plant construction.

Construction price data are published monthly in *Construction Price Statistics, (62-007)*, and are available on CANSIM.

Statistics Canada's industry price program covers industry selling prices, energy inputs, raw materials and industrial materials. Industry selling price indexes measure price movements of products shipped by manufacturers, covering about 110 industries and approximately 700 commodities. Although industry data are available at the Canada level only, a very limited amount of commodity detail relates specifically to Ontario. Price measurements are taken by survey and represent transaction prices for new orders, F.O.B. at the factory gate excluding discounts and taxes. Electric power selling price indexes are compiled for two broad categories of purchasers: non-residential users with bills for less than 5,000 kW and large industrial customers. The raw materials price index measures changes in the price of new material purchased by industry for additional processing. These purchase prices include transportation costs, taxes and customs duties. The data are published monthly in *Industry Price Indexes, (62-011)*, and are available on CANSIM.

Export and import price indexes, available at the national level only, are current-weighted indexes based on data collected from bills of lading and other customs clearance documents. The data are published monthly in *Summary of International Trade, (65-001)*, and are available on CANSIM. For further information, contact the International Trade Division of Statistics Canada, telephone Ottawa, 990-9784.

Farm input price indexes are compiled from reports of farm suppliers and other sources for both eastern and western Canada. An index of agricultural product prices is produced by province. The data are published quarterly in *Farm Input Price Index, (62-004)*, and are available on CANSIM.

For further information on Statistics Canada's price data, except in the area of foreign trade, contact the Prices Division at the following numbers:

- consumer prices, telephone Ottawa, 990-9606;
- construction prices, telephone Ottawa, 990-9601;
- industrial and agricultural prices, telephone Ottawa, 990-9611.

Additional sources of price information include Agriculture Canada's *Retail Food Price Report* and the *Royal Trust Survey of Canadian House Prices*.

Prices

Charts:

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12.2 Major Price Indexes, Canada, Percentage Change, 1973 to 1983
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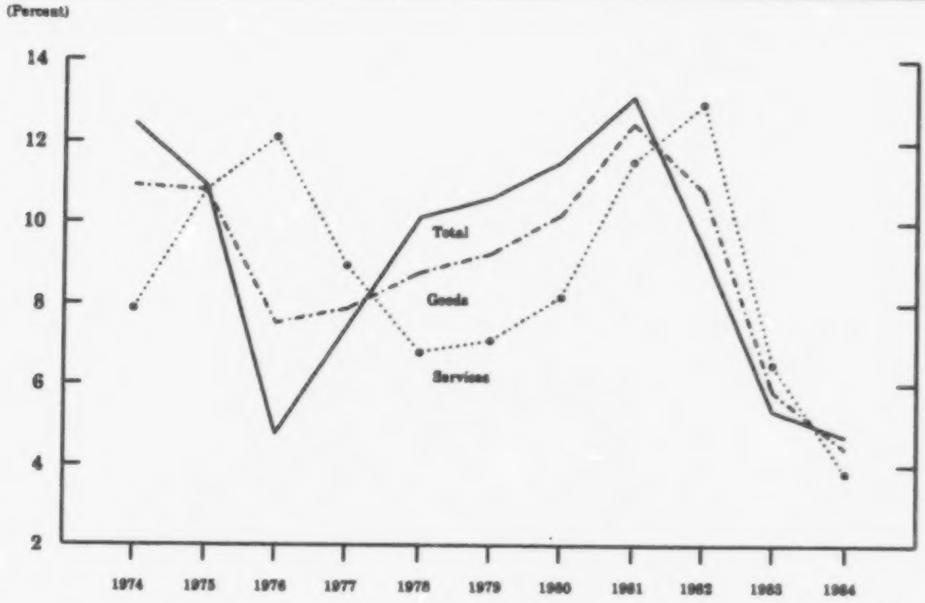
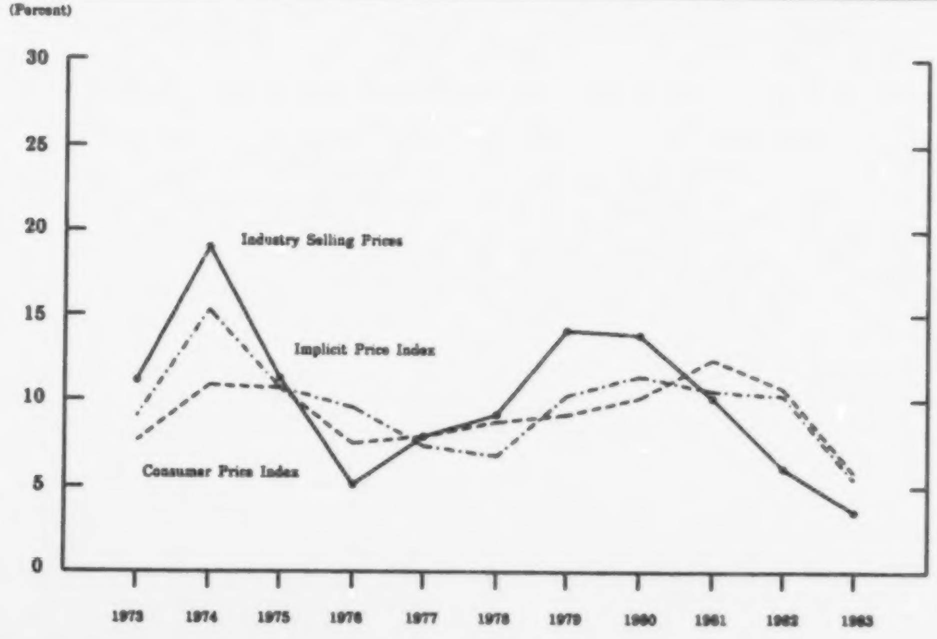
Chart 12.1 Consumer Price Index, Goods and Services, Canada, Percentage Change, 1974 to 1984



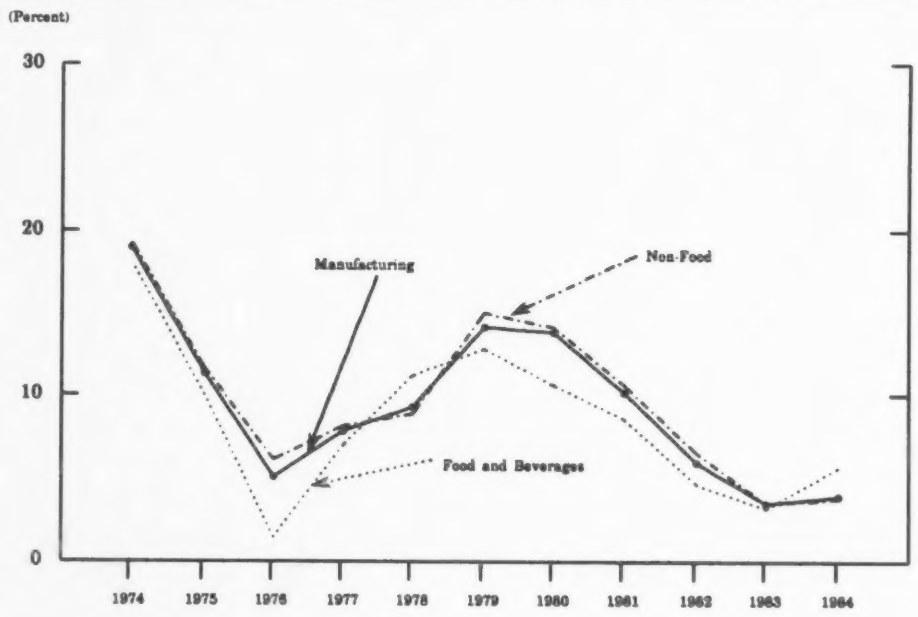
Refer to Table 12.3

Chart 12.2 Major Price Indexes, Canada, Percentage Change, 1973 to 1983



Refer to Table 12.1, 12.2 and 12.17

Chart 12.3 Industry Selling Prices, Canada, Percentage Change, 1974 to 1984



Refer to Table 12.17

Table 12.1 Implicit Price Indexes, Gross National Expenditure, Canada, Selected Years, 1961 to 1983

Year	Expenditure Goods & Services		Gross Fixed Capital Formation		Trade Goods & Services		Gross National Expenditure
	Personal	Government	Government	Business	Exports	Imports	
				1971 = 100			
1983	273.8	355.4	277.8	279.0	306.5	299.3	290.5
1982^{r}	258.8	329.5	271.9	271.0	306.6	303.0	275.5
1981^{r}	233.4	295.6	254.2	253.1	298.6	289.9	249.7
1980^{r}	208.9	260.0	225.4	227.4	278.2	261.3	225.8
1979	188.7	229.8	203.0	207.4	241.2	226.5	202.7
1978	172.7	210.7	185.4	191.0	202.9	199.1	183.8
1977	160.5	194.5	172.2	175.8	187.1	175.5	172.3
1976	148.5	177.4	161.6	162.1	174.1	156.3	160.4
1975	137.3	156.0	153.2	149.6	168.6	153.6	146.3
1974	124.2	135.1	138.0	132.5	152.2	134.3	132.1
1973	111.6	116.4	114.8	114.1	117.4	111.2	114.6
1972	104.0	107.2	105.2	104.9	103.9	103.1	105.0
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1966	84.3	72.8	85.3	85.1	91.1	89.2	82.6
1961	76.8	59.1	71.4	71.6	81.3	80.3	72.4

Source: Statistics Canada, *National Income and Expenditure Accounts*, (13-201).

Table 12.2 Consumer Price Index, Major Components, Canada, Selected Years, 1961 to 1984

Year	Food	Housing	Clothing	Transportation	Health & Personal Care	Recreation, Reading & Education	Tobacco & Alcohol	All Items
					1981 = 100			
1984	117.4	124.7	112.5	124.8	122.8	119.7	140.6	122.3
1983	111.2	120.2	109.8	119.8	118.2	115.8	130.0	117.2
1982	107.2	112.5	105.6	114.1	110.6	108.7	115.5	110.8
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980	89.8	89.0	93.4	84.5	90.2	90.8	88.6	88.9
1979	81.0	82.3	83.6	74.9	82.0	82.9	79.6	80.7
1978	71.6	76.9	76.5	68.3	75.2	77.6	74.3	73.9
1977	62.0	71.5	73.7	64.6	70.2	74.7	68.7	67.9
1976	57.3	65.4	69.0	60.3	65.3	71.3	64.2	62.9
1975	55.8	58.9	65.4	54.4	60.2	67.3	59.9	58.5
1974	49.4	53.5	61.7	48.7	54.0	61.0	53.4	52.8
1973	42.4	49.2	56.3	44.3	49.7	56.1	50.6	47.6
1972	37.0	46.2	53.6	43.2	47.4	53.8	49.1	44.2
1971	34.4	44.2	52.2	42.1	45.2	52.4	47.8	42.2
1966	30.6	35.1	45.5	34.7	37.0	42.0	40.0	35.2
1961	26.2	32.3	40.6	32.4	31.8	38.6	37.2	31.6

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.3 Consumer Price Index, Goods and Services, Canada, Selected Years, 1961 to 1984

	Goods						
Year	Durable	Semi-Durable	Non-Durable	Excluding Food	Total	Services	All Items
				1981 = 100			
1984	113.4	114.0	125.6	122.6	120.7	124.8	122.3
1983	109.8	111.4	118.6	117.7	115.3	120.2	117.2
1982	105.6	106.6	111.6	110.7	109.4	112.9	110.8
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980	91.4	92.6	86.2	88.0	88.4	89.7	88.9
1979	82.4	84.4	76.9	78.8	79.3	82.9	80.7
1978	75.2	77.6	69.1	72.2	71.7	77.4	73.9
1977	71.0	74.7	61.5	68.2	65.1	72.5	67.9
1976	67.6	70.2	56.9	63.9	60.6	66.5	62.9
1975	64.1	67.0	54.3	59.9	57.8	59.3	58.5
1974	59.6	63.3	48.1	54.8	52.1	53.5	52.8
1973	55.3	57.8	42.0	49.9	46.3	49.6	47.6
1972	54.6	55.3	37.6	48.0	42.6	46.7	44.2
1971	53.9	54.0	35.6	47.0	40.7	44.4	42.2
1966	49.7	47.1	30.9	41.0	35.8	33.8	35.2
1961	50.7	42.2	27.5	38.8	32.5	29.6	31.6

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.4 Consumer Price Index: Food, Energy and Housing, Canada, 1971 to 1984

				All Items Excluding			
Year	Food	Energy	Housing	Food	Energy	Food & Energy	Housing
				1981 = 100			
1984	117.4	136.3	124.7	123.8	120.9	122.2	121.1
1983	111.2	129.1	120.2	119.0	116.0	117.7	115.8
1982	107.2	119.8	112.5	111.8	109.8	110.8	109.9
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980	89.8	76.9	89.0	88.7	90.1	90.2	88.9
1979	81.0	66.3	82.3	80.6	82.1	82.5	79.9
1978	71.6	60.4	76.9	74.7	75.3	76.6	72.4
1977	62.0	55.2	71.5	70.2	69.1	72.2	66.0
1976	57.3	49.2	65.4	65.1	64.2	67.3	61.6
1975	55.8	42.7	58.9	59.5	60.1	61.9	58.2
1974	49.4	37.6	53.5	54.0	54.3	56.4	52.3
1973	42.4	32.6	49.2	49.7	49.1	52.1	46.8
1972	37.0	29.9	46.2	47.3	45.7	49.8	43.2
1971	34.4	29.1	44.2	45.6	43.5	48.0	41.2

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.5 **Experimental Consumer Price Index, Low Income Families and Unattached Individuals, Canada, 1981 to 1984**

Year	Food	Housing	Shelter	Clothing	Trans-portation	Health & Personal Care	Recreation, Reading & Education	Tobacco & Alcohol	All Items
					September 1981 = 100				
1984									
Official CPI	117.4	124.7	124.2	112.5	124.8	122.8	119.7	140.6	122.3
Low-Income CPI	116.6	124.1	121.7	113.6	127.2	123.6	120.9	143.8	122.0
1983									
Official CPI	111.2	120.2	119.8	109.8	119.8	118.2	115.8	130.0	117.2
Low-Income CPI	110.1	119.1	116.4	110.8	121.8	118.9	116.6	131.9	116.4
1982									
Official CPI	107.2	112.5	112.2	105.6	114.1	110.6	108.7	115.5	110.8
Low-Income CPI	106.7	111.3	109.1	106.2	115.8	110.9	109.0	115.9	109.9
1981									
Official CPI	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Low-Income CPI	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.6 **Consumer Price Index, All Items, Toronto, Ottawa and Thunder Bay, 1971 to 1984**

Year	Toronto	Ottawa	Thunder Bay
		1981 = 100	
1984	123.7	123.2	122.8
1983	118.0	117.3	117.1
1982	111.3	109.9	110.4
1981	100.0	100.0	100.0
1980	88.9	89.4	89.5
1979	80.7	81.6	81.5
1978	73.9	74.9	74.9
1977	68.1	69.1	69.3
1976	63.2	63.9	64.3
1975	58.9	59.4	59.1
1974	53.2	54.2	53.1
1973	48.1	48.9	47.9
1972	44.6	45.3	44.6
1971	42.5	43.2	42.7

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.7 Consumer Price Index, Food, Toronto, 1971 to 1984

Year	Purchased From Stores						
	Meat, Poultry & Fish	Dairy Products & Eggs	Fruits & Vegetables	Cereal & Bakery Products	Total	Purchased From Restaurants	All Food
				1981 = 100			
1984	115.8	126.5	130.4	120.0	120.9	125.7	122.1
1983	108.7	116.1	116.7	111.8	112.1	120.4	114.2
1982^{r}	105.3	110.0	112.0	105.6	107.4	112.4	108.6
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980^{r}	91.1	86.2	88.2	85.8	89.5	91.4	90.0
1979	85.4	75.2	82.4	74.6	80.6	83.7	81.0
1978	71.4	68.4	76.8	63.9	71.4	74.9	71.6
1977	55.6	64.6	67.4	59.4	62.2	69.1	62.0
1976	54.6	61.2	56.2	55.6	57.1	65.6	57.3
1975	55.9	58.2	54.4	55.2	56.6	61.7	55.8
1974	52.6	47.1	50.4	46.6	49.9	54.3	49.4
1973	48.4	. .	. .	37.4	43.1	46.6	42.4
1972	39.2	. .	. .	33.9	37.3	42.2	37.0
1971	34.5	. .	. .	32.9	34.6	39.7	34.4

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.8 Consumer Price Index, Housing, Toronto, 1974 to 1984

Year	Shelter			Household Operation	Household Furniture & Equipment & Related Services	All Housing
	Rented	Owned	Total			
				1981 = 100		
1984	121.8	122.8	122.8	131.5	116.2	124.6
1983	115.4	119.6	118.4	125.9	111.1	119.8
1982	107.4	113.8	111.9	117.0	106.7	112.9
1981	100.0	100.0	100.0	100.0	100.0	100.0
1980	94.8	88.3	90.3	85.4	88.0	89.1
1979	90.7	83.0	85.3	76.8	82.0	82.6
1978	86.9	79.4	81.6	69.2	77.8	77.3
1977	82.9	73.5	76.2	63.3	74.7	71.9
1976	78.4	66.7	69.9	57.3	71.3	66.0
1975	73.7	59.1	63.0	51.4	66.8	59.7
1974	69.6	53.9	58.1	45.3	61.0	54.4

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.9 Consumer Price Index, Clothing, Toronto, 1974 to 1984

Year	Women's	Men's	Girls'	Boys'	Materials & Related Services	All Clothing
			1981 = 100			
1984	112.3	111.3	115.6	115.4	123.9	113.8
1983	108.8	110.4	111.1	111.8	119.3	110.9
1982	103.6	107.0	105.6	107.4	110.4	105.9
1981	100.0	100.0	100.0	100.0	100.0	100.0
1980	95.8	92.8	94.4	91.8	90.4	93.7
1979	83.3	84.6	85.8	83.3	80.8	83.4
1978	73.5	76.9	76.2	76.9	75.1	75.1
1977	69.7	73.6	70.5	70.2	70.4	71.0
1976	66.4	69.9	67.7	64.8	65.8	67.2
1975	63.5	66.8	66.7	63.0	59.4	63.9
1974	62.2	64.7	64.4	61.1	53.9	61.3

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.10 Consumer Price Index, Transportation, Selected Components, Toronto, 1974 to 1984

Year	Automobile & Truck Operation	Gasoline	Transportation		All Transportation
			Private	Public	
			1981 = 100		
1984	129.7	132.2	123.1	135.3	125.1
1983	125.1	124.2	118.8	126.5	120.0
1982	118.6	118.5	113.2	118.1	114.1
1981	100.0	100.0	100.0	100.0	100.0
1980	79.8	74.3	83.8	85.8	84.1
1979	70.4	62.5	74.3	74.6	74.4
1978	63.8	56.3	66.9	68.3	67.1
1977	60.8	53.7	63.2	64.9	63.4
1976	56.6	49.5	59.0	61.7	59.4
1975	51.2	43.9	53.7	52.4	53.5
1974	44.7	38.7	48.7	44.6	48.0

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Note: Data for some transportation components are not available because of confidentiality.

Table 12.11 Consumer Price Index: Health, Personal Care, Recreation, Reading and Education, Toronto, 1974 to 1984

Year	Health Care	Personal Care	Health & Personal Care	Recreation	Reading & Education	Recreation, Reading & Education
			1981 = 100			
1984	131.0	118.1	123.2	116.0	. .	119.9
1983	123.5	114.4	118.1	112.1	. .	115.5
1982^{r}	113.7	109.1	111.1	107.1	. .	109.0
1981	100.0	100.0	100.0	100.0	100.0	100.0
1980	89.7	89.6	89.6	90.2	90.0	90.1
1979	82.9	80.0	81.2	82.3	80.6	81.9
1978	73.6	73.3	73.4	77.5	74.2	76.7
1977	67.5	68.7	68.2	75.8	69.8	74.1
1976	63.1	63.2	63.2	72.5	67.6	71.2
1975	57.4	58.6	58.2	68.6	64.0	67.4
1974	49.5	53.2	51.8	62.0	57.5	60.7

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.12 Consumer Price Index, Tobacco and Alcohol, Toronto, 1974 to 1984

Year	Tobacco Products & Smokers' Supplies	Cigarettes & Cigarette Tobacco	Alcoholic Beverages	Beer Purchased from Stores	Tobacco & Alcohol
			1981 = 100		
1984	160.5	161.5	137.3	142.0	144.2
1983	143.5	144.2	128.6	132.8	133.0
1982	117.7	118.0	115.4	119.9	116.1
1981	100.0	100.0	100.0	100.0	100.0
1980	89.3	88.9	88.8	85.8	89.0
1979	82.4	82.4	79.3	75.5	80.2
1978	78.3	78.4	73.0	70.4	74.7
1977	71.3	71.6	69.5	67.4	69.6
1976	65.2	65.8	65.9	63.3	64.8
1975	59.7	60.1	62.6	59.0	60.5
1974	53.8	54.4	56.4	54.4	54.6

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 12.13 Intercity Price Comparisons, Selected Food Items, 1985

	Halifax	Montreal	Toronto	Winnipeg	Calgary	Vancouver	Weighted Averages
				actual prices			
Sirloin Steak 1 kg.	9.18	10.01	10.52	8.82	9.73	10.71	10.10
Round Steak 1 kg.	7.81	10.58	8.70	8.73	8.00	9.24	9.28
Bacon 500 g.	3.02	2.86	3.16	2.62	3.26	2.99	3.00
Chicken 1 kg.	3.17	3.27	3.59	3.48	3.42	3.70	3.44
Milk, Fresh 1 L.	0.97	0.88	1.14	0.84	0.83	1.03	0.99
Butter 454 g.	2.41	2.34	2.57	2.33	2.41	2.64	2.47
Eggs, Large 1 doz.	1.40	1.45	1.40	1.28	1.47	1.59	1.43
Bread, Store Brand 675 g.	0.82	1.02	0.94	1.03	1.02	1.10	0.98
Bananas 1 kg.	1.15	1.02	1.24	1.00	1.22	0.90	1.09
Grapefruit 1 kg.	1.18	0.98	1.16	1.08	1.31	1.32	1.10
Oranges 1 kg.	1.61	1.23	1.48	1.31	1.74	1.41	1.41
Lettuce 1 kg.	2.49	2.19	2.23	1.79	1.79	1.78	2.11
Potatoes 4.54 kg.	1.56	1.26	1.88	1.99	2.46	2.67	1.79
Sugar 2 kg.	1.24	1.72	1.68	1.48	1.63	1.49	1.62
Coffee, Regular 369 g.	3.17	3.57	4.08	3.46	3.66	3.69	3.76
Soft Drinks 750 ml.	0.77	0.72	0.65	0.63	0.67	0.83	0.71
Cigarettes carton, 200	13.58	14.93	15.65	14.42	12.21	14.29	14.89

Source: Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Notes: 1. City average retail prices for January 1985.
2. The weighted average price for each item is derived by weighting the relevant city averages. The importance of each city in calculating city averages is determined by the volume of its retail sales.

Table 12.14 Building Construction Input Price Indexes, Ontario and Canada, 1971 to 1984

Year	Residential			Non-Residential		
	Materials	Labour	Construction Input Price	Materials	Labour	Construction Input Price
			1971 = 100			
Ontario						
1984	275.3	303.4	285.7	. .	297.6	292.8
1983	265.4	293.7	275.8	. .	288.9	284.7
1982r	243.6	260.2	249.7	. .	256.4	266.2
1981r	234.1	240.2	236.4	. .	237.0	245.5
1980	212.7	222.2	216.2	. .	219.3	225.0
1979	203.0	209.0	205.2	. .	206.7	207.7
1978	179.0	195.5	185.1	. .	194.2	186.4
1977	160.8	185.3	169.9	. .	184.3	174.4
1976	151.0	165.8	156.4	. .	167.8	161.9
1975	138.8	146.2	141.6	. .	146.0	146.6
1974	134.9	133.8	134.5	. .	132.8	135.2
1973	123.5	123.5	123.5	. .	123.6	118.1
1972	109.2	112.2	110.3	. .	113.0	108.8
1971	100.0	100.0	100.0	. .	100.0	100.0
Canada						
1984	274.1	327.6	293.4	288.5	328.2	307.3
1983	267.2	316.2	284.8	281.1	317.4	298.3
1982r	244.4	282.5	258.1	275.3	283.7	279.3
1981r	236.4	258.5	244.3	253.3	259.9	256.5
1980	215.1	236.3	222.7	230.2	238.2	234.0
1979	207.0	219.5	211.4	208.7	221.3	214.6
1978	184.1	206.2	192.0	179.4	208.4	193.2
1977	165.2	193.9	175.5	165.6	195.4	179.7
1976	153.6	172.8	160.5	156.6	175.9	165.7
1975	139.7	151.6	144.0	147.0	154.1	150.4
1974	135.2	133.8	134.7	137.3	134.7	136.1
1973	124.0	121.8	123.2	113.1	122.3	117.5
1972	109.8	110.6	110.1	104.9	111.0	107.8
1971	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Construction Price Statistics*, (62-007).

Table 12.15 New Housing Price Indexes, Selected Ontario Metropolitan Areas, 1981 to 1984

Year	Toronto	Ottawa-Hull	Hamilton	St. Catharines -Niagara	Windsor	Thunder Bay	Canada
				1981 = 100			
1984	97.7	126.9	116.7	111.8	98.4	. .	95.1
1983	97.1	117.1	111.0	105.8	92.9	105.3	94.7
1982	101.4	108.3	106.2	100.7	94.8	101.5	97.9
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Construction Price Statistics*, (62-007).

Table 12.16 New Housing Price Indexes, House and Land, Selected Ontario Metropolitan Areas, 1981 to 1984

Year	Ottawa-Hull		Toronto		Thunder Bay	
	House	Land	House	Land	House	Land
			1981 = 100			
1984	130.0	121.3	98.4	97.5	. .	. .
1983	119.1	113.8	98.0	96.7	108.0	99.9
1982	110.1	104.0	102.9	98.8	102.4	99.7
1981	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Construction Price Statistics*, (62-007).

Table 12.17 Industry Selling Prices, Canada, 1971 to 1984

Year	Food & Beverages	Non-Food Industries Basic	Non-Food Industries Other	Non-Food Industries Total	Manufacturing
			1971 = 100		
1984	322.2	317.7	304.5	308.4	310.9
1983	305.0	305.2	294.1	297.4	298.8
1982	295.5	298.3	282.7	287.3	288.8
1981	282.7	292.0	260.8	270.1	272.4
1980	260.5	276.0	230.8	244.3	247.2
1979	235.6	246.4	200.3	214.1	217.2
1978	208.9	..	..	186.4	190.4
1977	187.9	..	..	171.3	174.3
1976	175.8	..	..	158.4	161.6
1975	173.4	..	..	149.3	153.7
1974	157.6	..	..	133.8	138.1
1973	133.5	..	..	112.3	116.1
1972	109.0	..	..	103.4	104.4
1971	100.0	..	..	100.0	100.0

Sources: CANSIM.
Statistics Canada, *Industry Price Indexes, (62-011)*.

Notes: 1. Food & Beverages excludes alcoholic beverages.
2. Non-Food Industries includes alcoholic beverages.
3. Basic Industries consists of the following major groups: wood, paper and allied industries, primary metal and non-metallic mineral products industries.

Table 12.18 Raw Materials Price Indexes, Canada, 1977 to 1984

Year	Vegetable	Animal	Textile	Wood	Ferrous	Non-Ferrous	Non-Metallic Mineral	Coal, Crude Oil & Natural Gas	Total
					1977 = 100				
1984	139.7	168.6	152.3	150.9	150.3	172.0	191.2	304.7	216.9
1983	129.2	158.7	141.6	144.0	136.0	177.8	183.6	300.6	210.4
1982r	121.3	162.4	142.5	140.7	133.8	153.3	176.6	279.5	199.9
1981	143.2	155.4	150.4	152.3	141.7	180.6	154.5	231.6	184.6
1980	145.1	147.5	132.7	149.5	134.8	221.6	133.4	157.9	154.9
1979	114.8	143.7	113.5	142.0	135.9	162.2	116.0	133.1	135.3
1978	99.7	121.5	101.2	111.2	113.4	113.7	106.5	118.3	114.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Industry Price Indexes, (62-011)*.

Table 12.19 Electric Power Selling Price Indexes, Non-residential, Over 5,000 KW, Ontario and Other Regions of Canada, 1971 to 1984

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			1971 = 100			
1984	405.2	433.7	412.8	393.6	417.2	409.3
1983	375.2	412.1	391.9	356.6	384.7	381.4
1982	346.0	353.4	364.9	326.5	349.8	349.9
1981	313.2	343.7	302.7	302.0	250.4	306.7
1980	286.1	325.4	261.3	284.1	242.9	279.1
1979	253.9	311.6	226.7	256.6	199.7	247.2
1978	232.4	263.1	205.4	239.6	179.7	224.2
1977	223.6	224.2	162.0	201.7	167.4	201.7
1976	152.6	162.6	146.9	175.2	149.9	153.6
1975	132.2	137.5	133.4	136.4	112.8	131.6
1974	123.6	118.2	116.1	119.9	102.2	119.2
1973	113.2	100.7	100.0	102.1	102.2	107.1
1972	101.6	100.0	100.0	100.0	102.2	101.0
1971	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Industry Selling Prices*, (62-011).

Table 12.20 Capital Expenditure Price Indexes, Canada, 1971 to 1984

Year	Construction		Machinery & Equipment	Chemical & Petro-Chemical Plant	Chemical & Mineral Process Plant
	Highway	Electric Utility			
		1971 = 100		1981 = 100	
1984	. .	307.0	282.0	118.5	118.2
1983	346.3	298.4	270.1	115.5	114.9
1982^{r}	329.3	285.3	261.8	110.2	110.3
1981^{r}	311.6	266.2	243.2	100.0	100.0
1980	262.8	234.2	219.4	90.2	89.7
1979	232.2	212.9	198.9	81.8	80.9
1978	214.4	195.8	179.2	74.4	73.1
1977	198.2	181.8	159.2	69.0	67.9
1976	185.1	171.6	145.0	64.0	63.0
1975	177.5	157.6	137.5	58.8	58.3
1974	158.7	137.9	120.3	49.7	49.6
1973	118.3	116.1	106.7	42.0	42.0
1972	105.1	106.3	102.5	39.2	39.3
1971	100.0	100.0	100.0	37.0	37.3

Sources: CANSIM.
Statistics Canada, *Construction Price Statistics*, (62-007).

Table 12.21 Export Trade Price Indexes, Canada, 1971 to 1984

Year	Live Animals	Food, Feed, Beverages & Tobacco	Crude Material Inedible	Fabricated Materials Inedible	End Products Inedible	All Trade
			1971 = 100			
1984	267.3	310.3	543.7	361.7	243.7	309.2
1983	244.4	306.5	558.1	345.2	239.3	306.1
1982	240.8	309.7	582.3	352.4	232.6	310.0
1981	243.5	326.4	545.8	360.5	215.1	307.5
1980	251.1	301.2	527.1	334.5	196.1	289.3
1979	260.0	261.2	406.0	292.8	176.5	248.7
1978	176.6	213.7	310.3	236.5	158.6	205.5
1977	140.4	191.4	286.4	213.1	145.1	188.9
1976	130.4	210.2	255.8	190.9	134.5	176.4
1975	141.2	221.0	246.3	185.3	128.2	173.7
1974	157.2	222.0	214.7	161.4	115.2	157.4
1973	164.6	146.8	123.9	122.3	104.6	118.4
1972	124.7	105.5	101.9	104.6	102.4	103.5
1971	100.4	99.7	100.2	99.9	100.0	100.0

Sources: CANSIM.
Statistics Canada, *Summary of External Trade*, (65-001).

Notes: 1. These indexes are current weighted price indexes, and are of a Balance of Payments Basis.
2. Base year figure differs from 100.0 due to re-edit and price adjustments made by Statistics Canada.

Table 12.22 Import Trade Price Indexes, Canada, 1971 to 1984

Year	Live Animals	Food, Feed, Beverages & Tobacco	Crude Material Inedible	Fabricated Materials Inedible	End Products Inedible	All Trade
			1971 = 100			
1984	255.2	287.2	523.9	359.0	285.5	308.4
1983	222.9	270.4	422.3	332.9	272.5	292.1
1982	225.5	271.0	620.7	339.1	271.4	304.0
1981	232.9	280.8	736.7	321.5	253.3	297.5
1980	236.1	269.9	614.1	316.6	222.3	269.0
1979	239.2	242.8	521.3	261.3	198.9	230.7
1978	194.7	216.0	428.6	215.2	178.9	201.5
1977	140.7	191.8	396.6	185.0	156.4	177.2
1976	118.9	160.6	359.2	162.8	139.2	158.0
1975	130.8	174.0	347.6	163.3	134.6	156.3
1974	130.2	162.6	284.4	149.4	115.9	135.9
1973	140.3	130.2	129.1	110.6	105.5	110.0
1972	108.0	108.2	106.1	99.4	102.1	102.3
1971	96.5	100.6	99.8	100.0	100.0	100.0

Sources: CANSIM.
Statistics Canada, *Summary of External Trade*, (65-001).

Note: See Table 12.21, notes 1 and 2.

Table 12.23 Farm Input Price Indexes, Eastern Canada, Western Canada and Canada, 1981 to 1984

Year	Eastern Canada	Western Canada	Canada
		1981 = 100	
1984	106.6	107.3	107.0
1983	104.6	104.1	104.3
1982	102.9	103.4	103.2
1981	100.0	100.0	100.0

Source: Statistics Canada, *Farm Input Price Index*, (62-004).

Table 12.24 Farm Price Indexes, Agricultural Products, Ontario and Canada, 1971 to 1984

Year	Ontario			Canada		
	Crops	Livestock	Total	Crops	Livestock	Total
			1971 = 100			
1984	278.1	295.4	290.3	327.2	293.1	306.1
1983	266.2	278.5	274.9	312.6	283.0	294.3
1982^{r}	239.4	285.1	271.7	310.2	287.9	296.4
1981^{r}	244.3	272.1	264.0	337.9	274.4	298.5
1980^{r}	215.1	252.2	241.4	312.5	254.6	276.6
1979	204.7	242.6	231.6	265.4	249.8	255.7
1978^{r}	187.9	213.0	205.7	224.6	217.8	220.4
1977^{r}	177.6	180.7	179.8	213.2	178.4	191.6
1976	174.3	177.9	176.9	226.4	175.9	195.1
1975	166.2	178.0	174.6	246.4	177.3	203.6
1974	166.6	162.6	163.7	273.7	163.6	205.5
1973	145.0	149.5	148.2	202.7	150.6	170.4
1972	104.4	113.5	110.9	113.7	114.2	114.0
1971	100.0	100.0	100.0	100.0	100.0	100.0

Sources: CANSIM.
Statistics Canada, *Farm Input Price Index*, (62-004).

Chapter 13
Trade

Trade

Merchandise exports abroad account for roughly one-third of Ontario's total output. Of these exports, more than 90 per cent are manufactured and semi-manufactured goods. Imports are also heavily weighted towards manufactured and semi-manufactured commodities, with these types of goods accounting for about 85 per cent of the Ontario total.

Both the federal and Provincial governments encourage the development and promotion of trade opportunities for domestic industry. The Ontario Ministry of Industry, Trade and Technology provides support services to businesses, including export consultation, trade offices and trade missions, financial assistance, market research and information services. External Affairs Canada operates similar programs, while the Export Development Corporation provides financial services to exporters including insurance, guarantees, and long-term loans.

The data in this chapter cover exports, imports and the net balance of trade with other countries, and interprovincial shipments of wholesalers and manufacturers.

Sources of Data

The major sources of data are:

- Statistics Canada compilations of trade data, mainly based on records of Revenue Canada, Customs and Excise;
- Statistics Canada's survey of destination of shipments of manufacturers;
- Statistics Canada's survey of the origin and destination of goods shipped by wholesale merchandising establishments.

Trade data are compiled monthly by Statistics Canada from customs documents combined with supplementary information on energy exports and imports. Domestic exports consist of goods produced wholly in Canada and foreign goods which have undergone some processing in Canada. Total exports include both domestic exports and re-exports, which are goods exported in the same condition as when imported. Imports include all goods entering Canada, whether passed through Customs for immediate use or stored in bonded Customs warehouses. Exports and imports are generally documented at values which reflect the actual selling price. Merchandise trade statistics exclude non-trade transactions such as settlers effects, private donations and gifts, and tourist purchases.

In classifying trade by country, exports are attributed to the last known destination at time of export. Imports are generally ascribed to the country where the goods were first directly consigned to Canada, which is not necessarily the country of origin.

Provincial export statistics were previously based upon province of lading, indicating where the goods were first laden aboard a carrier for export. However, since the beginning of 1984, Revenue Canada and Statistics Canada report provincial exports on a province of origin basis. Imports are classified by province on the basis of customs port of clearance. The final destination of an imported commodity need not be within the same province as its port of clearance.

Detailed external trade statistics are published monthly, quarterly and annually by Statistics Canada, (series 65). Aggregate data are also available on CANSIM. Additional information can be obtained from the International Trade Division of Statistics Canada, telephone Ottawa, 990-9796.

A summary of external trade data is published annually by the Ontario Ministry of Industry, Trade and Technology in *Ontario Exports and Imports*. For further information, contact the Trade Division, Ministry of Industry, Trade and Technology, telephone Toronto, 965-3570.

Only a limited amount of information is available on interprovincial trade. Statistics Canada has conducted three occasional surveys on the destination of manufacturers' shipments for the years 1967, 1974 and 1979. Shipments consist of goods of own manufacture and exclude imports, custom and repair work, and goods purchased for resale. Shipment destination refers only to the first destination and does not reflect the trade pattern of final destination or the total market for manufactured goods. The data have been published in *Destination of Shipments of Manufacturers, (31-530)*. For further information, contact the Industry Division of Statistics Canada, telephone Ottawa, 990-9832.

To complement the survey of manufacturers' shipments and provide a more complete picture of interprovincial trade, Statistics Canada conducted an origin and destination survey of goods shipped by wholesale merchants for 1979. This experimental survey covered approximately 27,000 wholesale merchants, primarily engaged in buying and selling goods on their own account. Wholesale agents, brokers and grain merchants were excluded. Origin of goods refers to the physical location of the goods immediately prior to shipment, while destination refers to the first location to which the goods were shipped. The results of the 1979 survey have been published in *Origin and Destination of Goods of Merchandising Establishments,* (63-540). For additional information contact the Industry Division of Statistics Canada, telephone Ottawa, 991-3561.

A further source of information on foreign trade is The Canadian Export Association, telephone Ottawa, 238-8888.

Trade

Charts:

13.1 Merchandise Exports and Imports, Ontario, 1972 to 1983
13.2 Balance of Automotive Trade With the United States, Ontario, 1983
13.3 Exports by Major Markets, Ontario, 1983
13.4 Imports by Major Suppliers, Ontario, 1983

Tables:

13.1 Merchandise Exports and Imports, Ontario, 1971 to 1983
13.2 Balance of Trade by Commodity Section, Ontario, 1979 to 1983
13.3 Balance of Automobile Trade with the United States, Ontario Compared to Canada, 1983
13.4 Merchandise Exports by Commodity Section, Ontario Compared to Canada, 1976 to 1983
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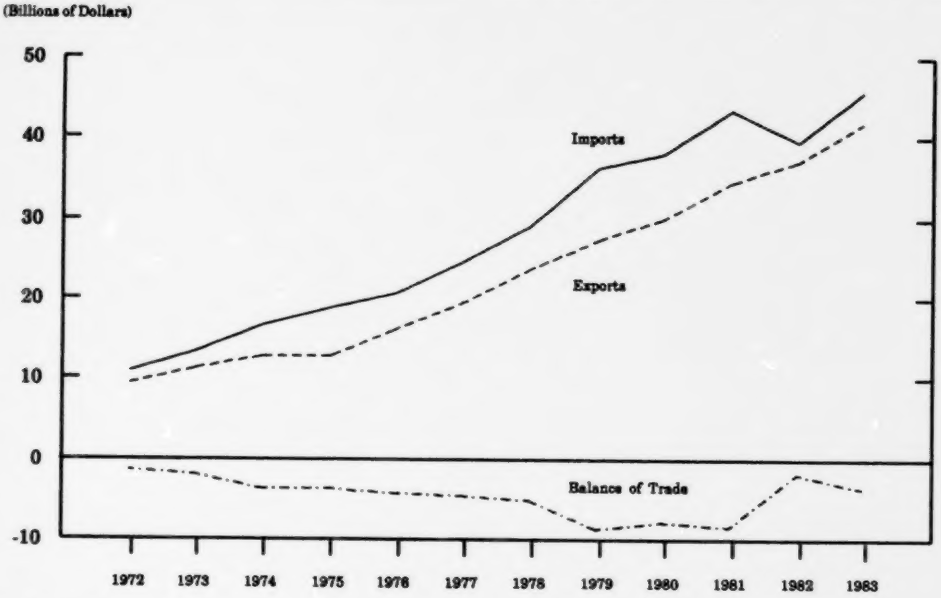
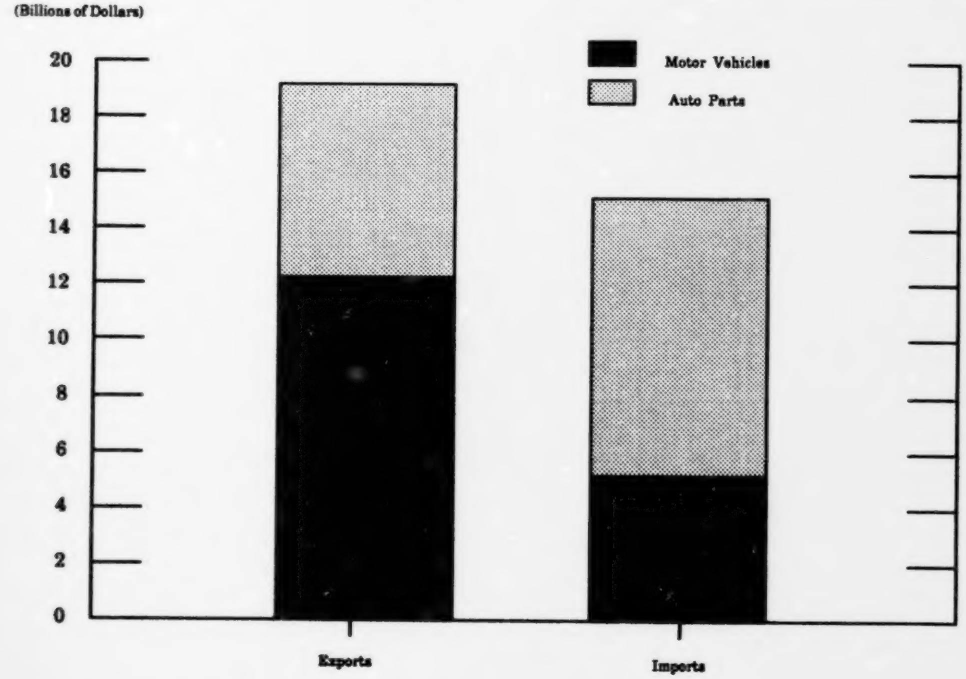
13.10 Origin of Goods of Wholesale Merchant Establishments, Ontario, 1979
13.11 Destination of Shipments by Wholesale Merchant Establishments, Ontario, 1979
13.12 Destination of Shipments of Manufacturers, Ontario, Selected Years, 1967 to 1979

Chart 13.1 Merchandise Exports and Imports, Ontario, 1972 to 1983



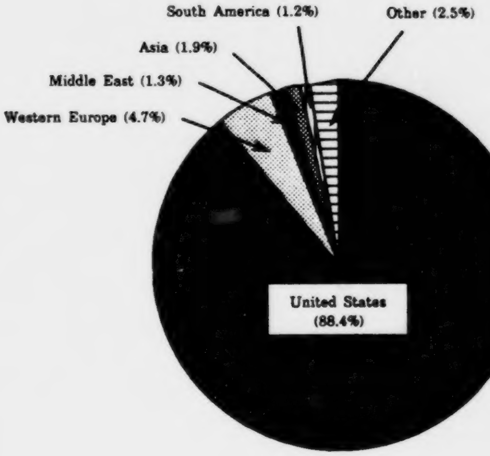
Refer to Table 13.1

Chart 13.2 Balance of Automotive Trade with the United States, Ontario, 1983



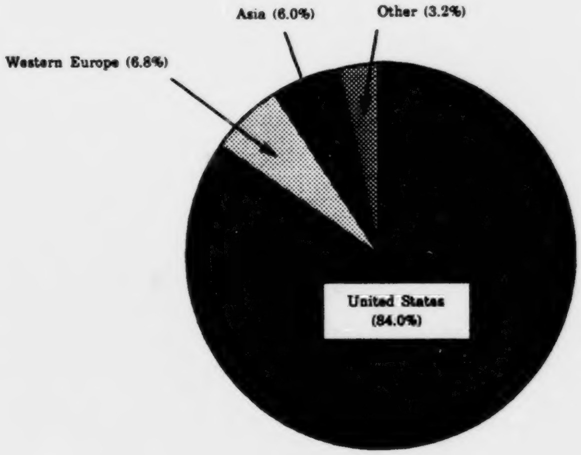
Refer to Table 13.3

Chart 13.3 Exports by Major Markets, Ontario, 1983



Refer to Table 13.6

Chart 13.4 Imports by Major Suppliers, Ontario, 1983



Refer to Table 13.9

Table 13.1 Merchandise Exports and Imports, Ontario, 1971 to 1983

Year	Exports	Imports	Balance of Trade
		$ millions	
1983	41,706	45,584	−3,878
1982	36,842	39,071	−2,229
1981	34,042	42,960	−8,918
1980	29,494	37,737	−8,243
1979	26,841	35,807	−8,966
1978	23,343	28,762	−5,419
1977	19,099	24,084	−4,985
1976	15,660	20,344	−4,684
1975	12,472	18,415	−5,943
1974	12,387	16,286	−3,899
1973	10,930	13,174	−2,244
1972	9,060	10,566	−1,506
1971	8,094	8,755	−661

Source: Ministry of Industry, Trade and Technology, *Ontario Exports and Imports.*

Note: Merchandise exports and imports refer to Province of Lading and Province of Clearance, respectively.

Table 13.2 Balance of Trade by Commodity Section, Ontario, 1979 to 1983

Year	Live Animals	Food, Feed, Beverages & Tobacco	Crude Materials Inedible	Fabricated Materials Inedible	End Products Inedible	Special Transactions Trade	Total
				$ millions			
United States							
1983	1.9	−353.2	−2,022.4	2,966.1	−1,696.4	−300.8	−1,404.9
1982	−24.6	−371.3	−2,431.5	3,079.5	−3,003.5	−302.5	−3,053.7
1981	−102.2	−513.8	−2,813.3	2,575.4	−8,784.9	−298.1	−9,936.9
1980	−9.9	−432.3	−3,046.1	1,605.8	−7,250.7	−232.6	−9,365.8
1979	28.1	−355.7	−1,881.6	512.7	−7,037.2	−144.3	−8,878.0
Other Countries							
1983	32.4	−329.0	378.8	−312.9	−2,153.6	−88.9	−2,473.2
1982	30.8	−135.8	330.0	566.4	118.2	−85.0	824.5
1981	31.8	6.2	449.1	304.7	306.6	−79.9	1,018.6
1980	29.0	−135.3	625.3	855.5	−178.8	−72.7	1,123.0
1979	28.7	−212.6	466.7	151.1	−457.1	−64.5	−87.7
Total							
1983	34.3	−682.2	−1,643.6	2,653.2	−3,850.0	−389.7	−3,878.1
1982	6.2	−507.1	−2,101.5	3,645.9	−2,885.3	−387.5	−2,229.2
1981	−70.4	−507.6	−2,364.2	2,880.1	−8,478.3	−378.0	−8,918.3
1980	19.1	−567.6	−2,420.8	2,461.3	−7,429.5	−305.3	−8,242.8
1979	56.8	−568.3	−1,414.9	663.8	−7,494.3	−208.8	−8,965.7

Source: Ministry of Industry, Trade and Technology, *Ontario Exports and Imports.*

Table 13.3 Balance of Automotive Trade with the United States, Ontario Compared to Canada, 1983

	Exports		Imports		Balance of Trade	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
Motor Vehicles	12,245	88.4	5,210	85.3	7,035	90.8
Auto Parts	7,036	97.3	9,930	91.2	−2,894	79.2
Total Automobile Trade	19,281	91.5	15,140	89.1	4,141	101.2

Source: Ministry of Industry, Trade and Technology, *Ontario Exports and Imports.*

Table 13.4 Merchandise Exports by Commodity Section, Ontario Compared to Canada, 1976 to 1983

Year	Live Animals		Food, Feed, Beverages, Tobacco		Crude Materials Inedible	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1983	136	39.8	1,379	13.6	1,115	7.7
1982	105	32.2	1,388	13.9	1,221	8.3
1981	85	36.9	1,449	15.6	1,325	8.7
1980	92	36.2	1,264	15.8	1,525	10.3
1979	102	41.6	1,022	16.8	1,380	11.0
1978	65	30.6	829	16.2	1,034	11.7
1977	35	23.3	723	16.3	1,038	11.7
1976	42	31.2	635	15.3	952	11.5

Table 13.4 (cont'd.)

Year	Fabricated Materials Inedible		End Products Inedible		Special Transactions Trade		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1983	10,935	36.1	28,046	78.9	95	40.8	41,706	45.9
1982	10,380	36.8	23,656	76.7	93	33.5	36,842	43.6
1981	11,217	36.3	19,865	72.7	102	14.8	34,042	40.7
1980	9,738	33.0	16,795	72.6	78	33.0	29,494	38.8
1979	7,585	30.9	16,675	76.1	77	42.6	26,841	41.0
1978	5,968	31.4	15,387	79.7	60	47.8	23,343	44.3
1977	4,519	30.0	12,745	81.6	38	50.8	19,099	43.2
1976	3,589	29.2	10,377	79.5	65	45.4	15,660	41.1

Source: Ministry of Industry, Trade and Technology, *Ontario Exports and Imports*.

Note: For definition of merchandise exports, see note, Table 13.1.

Table 13.5 Ten Leading Exports by Rank, Ontario, 1983

	Value	% of Total Exports
	$ millions	
1. Motor Vehicles	12,484	29.9
2. Auto Parts & Accessories	7,447	17.9
3. Precious Metals & Alloys	1,550	3.7
4. Chemicals	1,056	2.5
5. Communications & Related Equipment	1,053	2.5
6. Office Machines & Equipment	1,019	2.4
7. Steel & Steel Products	979	2.3
8. Newsprint Paper	845	2.0
9. Food Products	673	1.6
10. Gasoline & Fuel Oil	640	1.5

Source: Ministry of Industry, Trade and Technology, *Ontario Exports and Imports*.

Table 13.6 **Exports by Major Markets, Ontario, 1983**

	Value	% of Total Exports
	$ millions	
Western Europe	1,967	4.7
United Kingdom	697	1.7
West Germany	318	0.8
France	112	0.3
Netherlands	279	0.7
Belgium-Luxembourg	147	0.3
Italy	76	0.2
Switzerland	64	0.2
Sweden	67	0.2
Others	207	0.5
Eastern Europe	64	0.2
USSR	26	0.1
Others	38	0.1
Middle East	546	1.3
Saudi Arabia	215	0.5
Egypt	71	0.2
Turkey	67	0.2
Others	193	0.5
Africa	164	0.4
South Africa	59	0.1
Others	105	0.2
Asia	814	1.9
Japan	254	0.6
Hong Kong	98	0.2
Republic of China	91	0.2
South Korea	81	0.2
Others	290	0.7
Oceania	233	0.6
Australia	181	0.4
New Zealand	48	0.1
Others	4	--
South America	513	1.2
Venezuela	180	0.4
Columbia	131	0.3
Others	202	0.5
Central America	466	1.1
Mexico	136	0.3
Trinidad & Tobago	89	0.2
Others	241	0.6
North America	36,872	88.4
United States	36,869	88.4
Others	3	--
Undesignated Countries	68	0.2
Total	41,706	100.0

Source: Ministry of Industry, Trade and Technology, *Ontario Exports and Imports.*

Table 13.7 Merchandise Imports by Commodity Section, Ontario Compared to Canada, 1976 to 1983

Year	Live Animals		Food, Feed, Beverages, Tobacco		Crude Materials Inedible	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1983	102	77.3	2,061	42.3	2,759	38.3
1982	99	69.7	1,895	39.5	3,322	38.2
1981	155	77.0	1,957	39.3	3,689	30.4
1980	73	64.4	1,832	39.3	3,946	35.0
1979	45	60.3	1,590	38.2	2,795	35.4
1978	51	63.4	1,351	36.5	1,868	31.7
1977	30	57.3	1,283	39.4	1,496	28.3
1976	78	71.5	1,012	36.6	1,052	20.7

Table 13.7 (cont'd.)

Year	Fabricated Materials Inedible		End Products Inedible		Special Transactions Trade		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1983	8,281	59.1	31,897	65.9	485	49.5	45,584	60.3
1982	6,734	57.1	26,541	64.4	480	47.4	39,071	57.8
1981	8,336	57.3	28,343	61.5	480	51.6	42,960	54.5
1980	7,277	57.4	24,225	61.4	384	49.7	37,737	54.7
1979	6,921	57.4	24,170	63.7	285	50.2	35,806	57.1
1978	4,787	54.6	20,156	65.3	200	51.4	28,413	57.2
1977	3,654	52.1	17,405	66.8	216	51.3	24,084	57.3
1976	3,261	52.4	14,690	64.6	252	50.0	20,344	54.3

Source: Ministry of Industry, Trade and Technology, *Ontario Exports and Imports*.

Note: For definition of merchandise imports, see note, Table 13.1.

Table 13.8 Ten Leading Imports by Rank, Ontario, 1983

	Value	% of Total Imports
	$ millions	
1. Auto Parts & Accessories	10,324	22.6
2. Motor Vehicles	5,285	11.6
3. Industrial Machinery & Equipment	2,842	6.2
4. Office Machines & Equipment	2,408	5.3
5. Communication & Related Equipment	2,013	4.4
6. Chemical Products	1,762	3.9
7. Food Products	1,639	3.6
8. Metals in Ores, Concentrates & Scrap	1,038	2.3
9. Gold	979	2.1
10. Chemicals, Organic & Inorganic	967	2.1

Source: Ministry of Industry, Trade and Technology, *Ontario Exports and Imports*.

Table 13.9 Imports by Major Suppliers, Ontario, 1983

	Value	% of Total Imports
	$ millions	
Western Europe	3,124	6.8
United Kingdom	954	2.1
West Germany	601	1.3
Italy	370	0.8
France	216	0.5
Netherlands	179	0.4
Switzerland	173	0.4
Belgium-Luxembourg	160	0.3
Sweden	135	0.3
Spain	71	0.2
Others	265	0.6
Eastern Europe	77	0.2
Czechoslovakia	24	0.1
Others	53	0.1
Middle East	55	0.1
Africa	166	0.4
South Africa	122	0.3
Others	44	0.1
Asia	2,727	6.0
Japan	1,358	3.0
Taiwan	387	0.8
Hong Kong	386	0.8
South Korea	271	0.6
Others	326	0.7
Oceania	174	0.4
Australia	123	0.3
Others	51	0.1
South America	376	0.8
Brazil	181	0.4
Others	195	0.4
Central America	611	1.3
Mexico	351	0.8
Others	260	0.6
North America	38,275	84.0
United States	38,274	84.0
Others	1	—
Undesignated Countries	–	–
Total	45,584	100.0

Source: Ministry of Industry, Trade and Technology, *Ontario Exports and Imports.*

Table 13.10 **Origin of Goods of Wholesale Merchant Establishments, Ontario, 1979**

	Value	% of Total Shipments
	$ millions	
Ontario	16,033.4	63.4
Atlantic	100.2	0.4
Quebec	1,637.3	6.5
West	1,401.1	5.5
Other	6,107.2	24.2
Total	25,279.3	100.0

Source: Statistics Canada, *Origin and Destination of Goods of Merchandising Establishments, 1979,* (63-540).

Notes: 1. Origin of goods refers to the physical location of goods immediately prior to shipment to the wholesale establishment.
2. Other refers to other countries.

Table 13.11 **Destination of Shipments by Wholesale Merchant Establishments, Ontario, 1979**

	Value	% of Total Shipments
	$ millions	
Ontario	24,118.3	77.7
Atlantic	599.3	1.9
Quebec	2,334.9	7.5
West	2,076.9	6.7
Other	1,911.6	6.2
Total	31,041.0	100.0

Source: Statistics Canada, *Origin and Destination of Goods of Merchandising Establishments, 1979,* (63-540).

Note: See Table 13.10, note 2.

Table 13.12 **Destination of Shipments of Manufacturers, Ontario, Selected Years, 1967 to 1979**

Year	Ontario	Atlantic	Quebec	West	Other	Total
			$ millions			
1979	37,542.2	2,151.4	8,018.6	7,449.9	21,058.2	76,220.2
1974	20,845.8	1,193.1	4,652.1	3,706.4	11,007.0	41,404.4
1967	11,579.3	668.5	2,644.9	2,234.4	2,901.7	20,028.7

Source: Statistics Canada, *Destination of Shipments of Manufacturers,* (31-530).

Note: Other consists of outside Canada, unallocated destination, custom and repair work.

Chapter 14
Energy

Energy

Approximately one-quarter of total energy used in Ontario comes from Provincial resources, mainly electricity generated from water power and uranium. Ontario produces little oil and natural gas, and no coal. Most crude oil and natural gas is received via pipelines from western Canada, while coal largely comes from mines in the eastern United States and western Canada.

Both the federal and provincial governments are involved in the promotion of conservation and the encouragement of research and development, including renewable energy sources. Ontario government policies stress increased energy efficiency, reduced dependence on oil and promotion of energy production from indigenous sources. The Ontario Energy Corporation (OEC) was established in 1974 to invest in Canadian energy projects, with the aim of increasing the Province's energy security. The federal government, in accordance with its National Energy Program and the Canada/Alberta Agreement, determines the domestic price of crude oil. It also provides incentives to companies engaged in energy exploration.

Ontario Hydro, established as a public utility by the Government of Ontario, is the main supplier of electricity. Using nuclear, coal-fired and hydraulic generating stations, it supplies electric power in bulk to municipal electric power commissions, and directly to certain large industrial firms and rural customers in areas not served by local utilities.

Energy statistics in this chapter cover production, inter-regional transfers, exports, imports and consumption by type of fuel. Primary energy is defined as the energy content of the raw materials from which consumer forms of energy are made. Examples of primary energy sources are crude oil, coal and uranium. Secondary energy is energy used by the energy consuming sectors, such as electricity, steam, coke, gasoline and heating oil. Some information on energy prices is covered in Chapter 12, Prices.

Sources of Data

The main sources of data are:

- surveys of major energy suppliers conducted by Statistics Canada;
- Census of Manufactures;
- administrative records of Ontario Hydro.

Statistics Canada conducts monthly and quarterly surveys of energy supply companies. The universes for these surveys are formed by a very limited number of very large respondents and, therefore, the surveys represent almost total coverage with estimates used in a few areas.

The data are published in *Quarterly Report on Energy Supply–Demand in Canada, (57-003)*, and in a number of industry specific monthly and annual reports. Utilities and pipeline transport are covered in Statistics Canada's series 55 to 57, while refined petroleum and coal products appear monthly in *Coal and Coke Statistics, (45-002)*, *Refined Petroleum Products, (45-004)*, and annually in *Refined Petroleum and Coal Products, (45-209)*.

The Census of Manufactures, conducted annually by Statistics Canada, collects data on fuel consumption by manufacturing industries. For further information on the Census of Manufactures, see Chapter 20, Manufacturing.

Aggregate Statistics Canada data are available on CANSIM. For additional information, contact the Industry Division of Statistics Canada, telephone Ottawa, 990-9823.

Ontario Hydro publishes *Statistical Year Book* which provides a wide variety of data on its operations.

The Ontario Ministry of Energy produces a comprehensive report entitled *Ontario Energy Review*. Issued on an occasional basis, it provides statistical data and background analysis of developments in Ontario in relation to the national and international energy scene. A Series of "Energy Trend Publications," describing changes in consumption and prices since 1970, also produced by this Ministry, will be released in 1986. Further information on either of these publications can be obtained from the Economics and Forecasts Group, Ministry of Energy, telephone Toronto, 965-4822.

Energy

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14.1 Primary Fuel and Electricity, Ontario, 1971 and 1984
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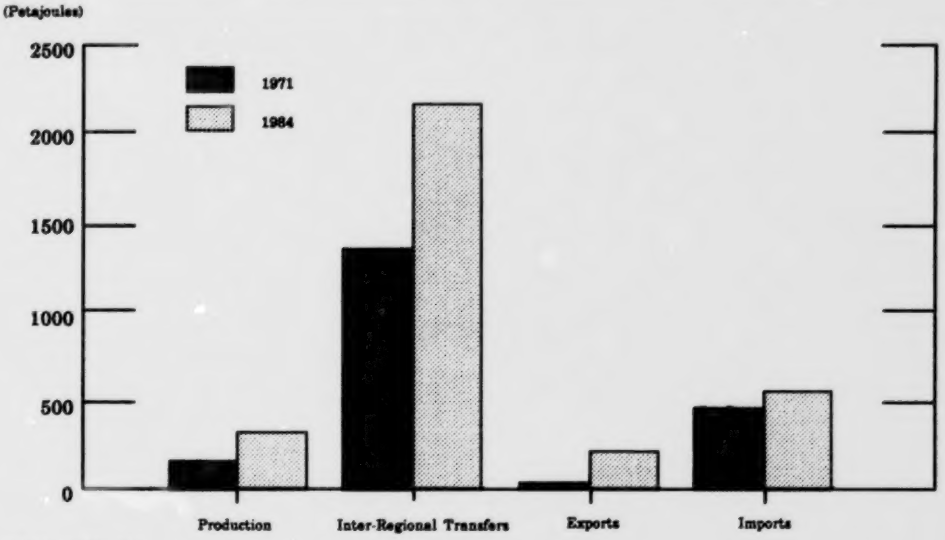
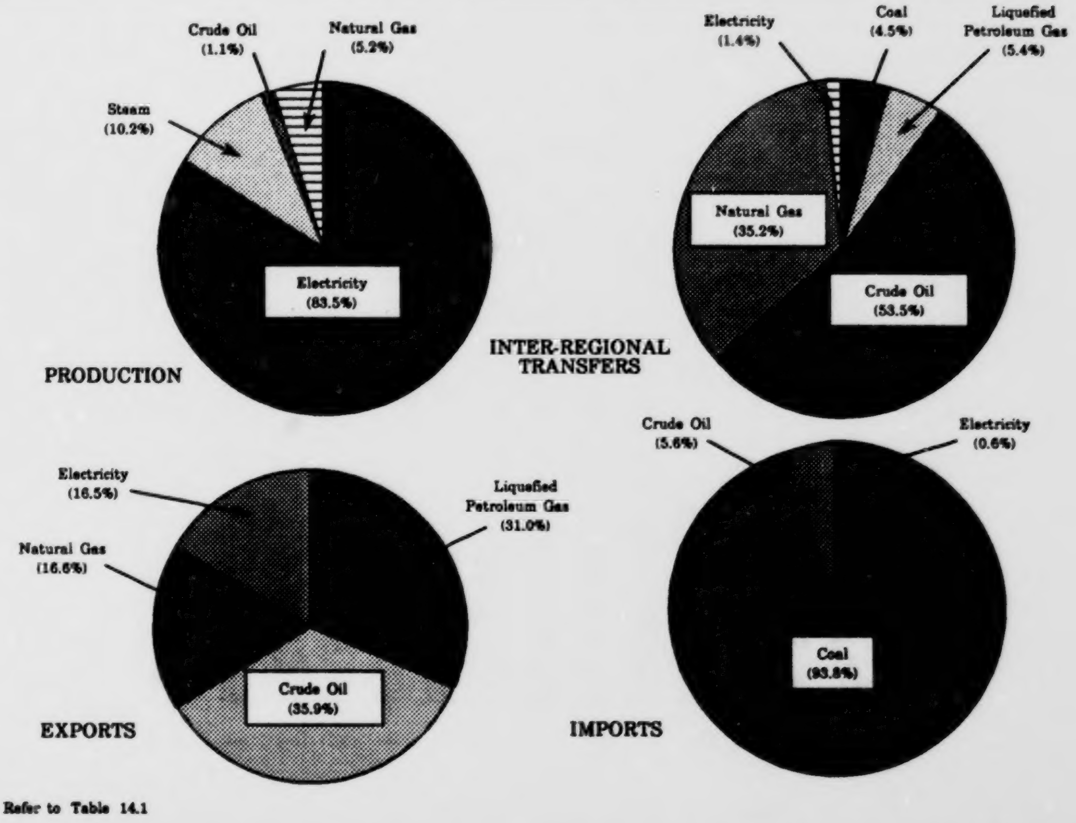
Chart 14.1 Primary Fuel and Electricity, Ontario, 1971 and 1984



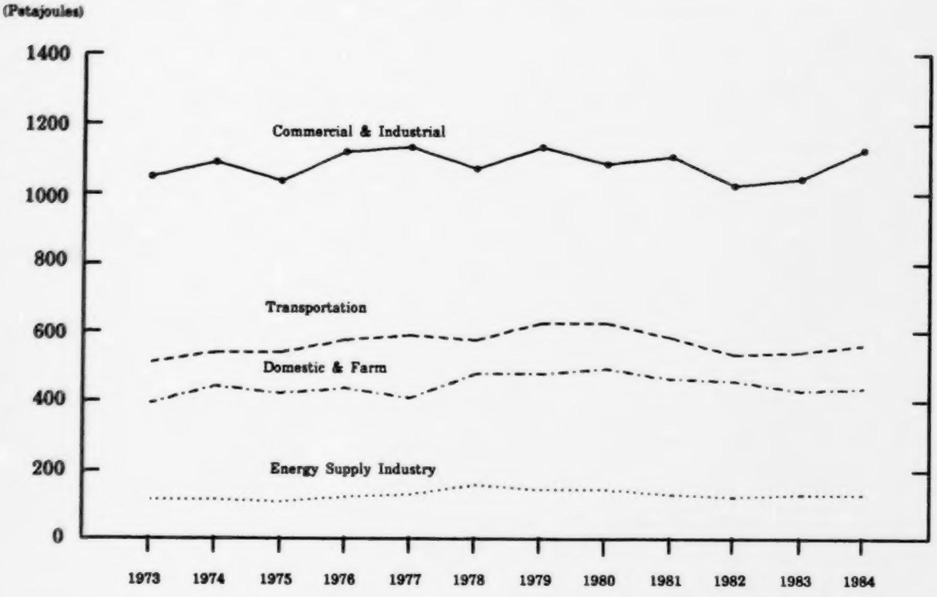
Refer to Table 14.1

Chart 14.2 Primary Fuel and Electricity, Ontario, 1984



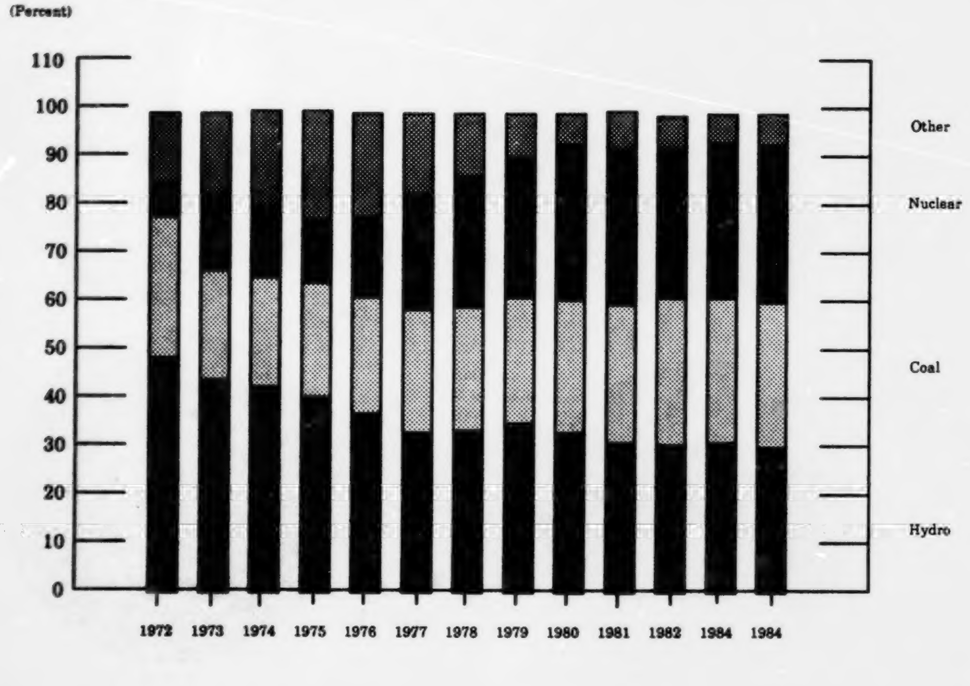
Refer to Table 14.1

Chart 14.3 Energy Consumption by Sector, Ontario, 1973 to 1984



Refer to Table 14.6

Chart 14.4 Supply of Electricity by Energy Source, Ontario Hydro, 1972 to 1984



Refer to Table 14.11

Table 14.1 Primary Fuel and Electricity, Ontario, 1971 to 1984

	Production						
Year	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity	Steam	Total
				terajoules			
1984	–	–	3,485	18,448	293,929	36,043	351,905
1983	–	–	3,219	17,523	286,775	36,959	344,477
1982	–	–	3,296	16,145	264,638	43,864	327,943
1981	–	1	3,466	15,546	273,967	30,327	323,307
1980	–	–	3,597	13,518	273,527	20,486	311,127
1979	–	–	3,547	10,858	271,796	24,448	310,650
1978	–	–	3,629	11,586	246,863	–	262,078
1977	–	427	3,776	8,992	220,752	–	233,946
1976	–	361	3,801	5,230	197,215	–	206,606
1975	–	–	4,308	11,532	180,843	–	196,684
1974	–	–	4,492	7,949	199,127	–	211,567
1973	–	–	4,945	10,048	198,146	–	213,140
1972	–	–	5,373	12,972	170,491	–	188,835
1971	–	–	5,864	17,148	151,141	–	174,153

Table 14.1 (cont'd.)

	Inter-Regional Transfers						
Year	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity	Steam	Total
				terajoules			
1984	97,788	118,778	1,174,674	772,536	29,644	–	2,193,419
1983	71,890	101,393	1,081,422	680,752	22,565	–	1,958,022
1982	76,358	105,646	967,979	732,315	24,390	–	1,906,687
1981	67,879	106,587	1,147,162	749,425	27,359	–	2,098,412
1980	68,138	106,495	1,210,938	696,346	26,127	–	2,108,044
1979	79,155	88,075	1,242,180	717,693	25,213	–	2,152,315
1978	47,280	90,786	1,060,797	726,786	33,968	–	1,959,618
1977	20,017	108,215	1,003,271	762,766	40,265	–	1,934,534
1976	14,491	83,046	1,000,321	746,498	46,318	–	1,890,674
1975	25,155	27,186	984,207	724,990	45,922	–	1,807,459
1974	6,736	24,849	1,008,337	722,375	43,894	–	1,806,192
1973	946	21,983	906,870	685,801	37,108	–	1,652,707
1972	1,763	19,715	835,980	604,473	30,181	–	1,492,111
1971	8,130	12,114	823,253	519,751	20,949	–	1,384,196

Table 14.1 (cont'd.)

	Exports						
Year	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity	Steam	Total
				terajoules			
1984	–	76,802	88,931	41,061	40,932	–	247,726
1983	–	77,916	42,665	37,313	45,207	–	203,101
1982	–	82,265	924	41,036	40,205	–	164,430
1981	–	72,241	5,518	45,074	40,717	–	163,551
1980	–	87,619	13,063	21,063	40,747	–	163,335
1979	–	70,096	18,084	18,472	43,896	–	150,547
1978	–	71,691	5,184	13,289	39,085	–	129,249
1977	–	88,678	–	15,622	34,717	–	139,017
1976	–	59,683	–	13,579	22,372	–	95,634
1975	–	–	–	12,983	17,410	–	30,393
1974	–	–	–	13,866	28,327	–	42,193
1973	193	85	–	13,918	27,512	–	41,708
1972	–	–	–	18,709	21,861	–	40,570
1971	–	–	–	33,986	14,610	–	48,596

Table 14.1 (cont'd.)

	Imports						
Year	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity	Steam	Total
				terajoules			
1984	534,844	44	32,233	–	3,286	–	570,407
1983	440,428	–	31,983	–	1,329	–	473,740
1982	456,642	–	89,580	–	1,456	–	547,677
1981	433,151	–	94,354	–	1,233	–	528,758
1980	450,783	–	126,033	–	895	–	577,711
1979	508,714	–	111,831	–	1,511	–	622,056
1978	413,060	–	146,350	–	2,723	–	562,133
1977	450,089	–	116,683	–	4,198	–	570,970
1976	421,926	–	14,253	4,225	7,445	–	447,849
1975	451,779	–	1,823	10,708	9,771	–	474,081
1974	349,942	–	417	14,107	6,588	–	371,054
1973	428,486	–	2,998	15,541	5,735	–	452,760
1972	480,090	–	2,598	16,417	6,288	–	505,393
1971	453,076	–	2,500	15,013	9,193	–	479,783

Source: Statistics Canada, *Detailed Energy Supply and Demand*, *(57-207, 57-003)*.

Notes:
1. Electricity includes hydro and nuclear energy.
2. Inter-Regional Transfers refers to net transfers (receipts) into Ontario from other provinces.
3. Exports and Imports cover trade between Ontario and areas outside of Canada.

Table 14.2 Secondary Energy: Petroleum Products, Ontario, 1971 to 1984

	Production							
	Gasoline		Light Distillates		Fuel Oil			Liquefied Petroleum & Still Gas, Petro Coke
Year	Motor	Aviation	Kerosene	Aviation Turbo Fuel	Diesel	Light	Heavy	
	terajoules							
1984	371,718	331	25,027	46,034	128,245	130,662	142,309	107,114
1983	371,652	267	26,710	40,919	104,045	130,792	148,495	92,657
1982	368,058	373	25,515	39,753	94,939	129,899	153,376	90,183
1981	388,665	440	31,631	42,857	103,366	155,751	201,937	96,912
1980	415,390	525	46,846	48,024	115,987	163,980	233,335	95,045
1979	398,266	425	48,579	46,030	115,559	182,193	252,873	92,609
1978	372,868	390	43,255	40,221	101,581	149,466	233,178	85,807
1977	368,668	385	48,664	39,452	84,072	177,371	196,023	67,079
1976	377,237	451	52,440	36,261	73,775	158,518	158,529	55,817
1975	386,082	678	49,695	36,105	75,365	142,753	154,326	44,415
1974	372,932	655	44,131	34,077	82,075	146,859	160,195	39,125
1973	336,119	312	36,224	28,272	74,355	156,206	131,880	36,624
1972	317,387	122	28,320	20,994	70,949	151,384	124,471	28,719
1971	296,117	180	28,764	22,839	70,403	166,548	133,240	31,078

Table 14.2 (cont'd.)

	Inter-Regional Transfers							
	Gasoline		Light Distillates		Fuel Oil			Liquefied Petroleum & Still Gas, Petro Coke
Year	Motor	Aviation	Kerosene	Aviation Turbo Fuel	Diesel	Light	Heavy	
	terajoules							
1984	6,815	1,153	2,969	3,994	10,810	7,980	−942	−285
1983	16,251	1,122	1,103	4,273	3,207	−915	−9,609	1,564
1982	31,475	973	−276	2,992	5,834	250	−2,064	485
1981	26,861	1,285	912	4,565	1,027	744	6,748	1,385
1980	21,248	1,221	1,648	4,929	5,259	3,627	7,474	98
1979	26,240	1,364	1,710	4,277	8,811	−299	11,337	−857
1978	45,143	1,375	4,175	2,031	12,052	21,335	55,906	−426
1977	44,983	1,249	5,182	3,594	13,187	31,293	74,457	−39
1976	43,634	1,429	6,051	4,047	9,614	24,990	74,393	162
1975	60,232	1,013	7,010	4,606	10,299	35,681	56,010	−101
1974	44,653	1,016	5,332	5,466	8,198	32,054	60,036	−325
1973	47,343	1,370	6,955	5,572	10,142	40,728	83,826	−1,100
1972	52,098	1,426	7,428	5,729	10,462	48,929	79,181	−776
1971	48,076	1,072	6,609	3,422	11,776	54,500	73,511	−449

Table 14.2 (cont'd.)

	Exports							
	Gasoline		Light Distillates		Fuel Oil			Liquefied Petroleum & Still Gas, Petro Coke
Year	Motor	Aviation	Kerosene	Aviation Turbo Fuel	Diesel	Light	Heavy	
				terajoules				
1984	14,215	–	633	–	5,206	38,073	55,771	10,908
1983	14,806	–	3,166	–	800	31,337	59,934	9,015
1982	6,246	–	140	–	346	5,005	60,265	10,732
1981	33	–	–	–	−1	1,317	73,632	15,573
1980	25	–	–	–	–	1,020	75,675	9,315
1979	90	–	–	–	75	170	78,465	1,709
1978	37	–	–	1,698	–	4,635	86,760	1,560
1977	970	–	–	–	–	3,211	39,399	280
1976	4,433	–	326	–	–	1,095	42,317	48
1975	5,589	–	147	–	–	6,270	50,451	–
1974	23	–	91	–	55	2,267	34,414	–
1973	1,850	–	5	–	183	4,980	17,647	1,134
1972	332	–	21	–	–	3,872	12,931	178
1971	919	–	326	–	14	5,529	2,526	460

Table 14.2 (cont'd.)

	Imports							
	Gasoline		Light Distillates		Fuel Oil			Liquefied Petroleum & Still Gas, Petro Coke
Year	Motor	Aviation	Kerosene	Aviation Turbo Fuel	Diesel	Light	Heavy	
				terajoules				
1984	426	–	–	1,099	661	4,629	42	6,111
1983	3,941	–	165	–	–	1,338	1,912	4,924
1982	539	–	–	–	–	669	–	2,462
1981	998	–	–	–	–	1,317	–	9,879
1980	20	–	–	–	–	504	–	9,882
1979	–	–	–	–	–	170	–	8,645
1978	–	–	3	–	1	1,860	1,328	3,232
1977	–	–	2	–	–	3,295	1,452	3,645
1976	–	–	12	–	–	500	233	4,849
1975	–	–	5	117	3	620	1,745	2,854
1974	–	–	125	56	–	1,550	7,227	2,521
1973	2	–	7	–	–	2,168	14,449	2,743
1972	5	–	49	2,320	–	9,701	13,811	1,553
1971	2	–	839	1,175	–	5,752	7,932	1,398

Source: Statistics Canada, *Detailed Energy Supply and Demand*, (57-207, 57-003).

Table 14.3 Secondary Energy: Coal Products, Ontario, 1971 to 1984

	Coke				Coke Oven Gas
Year	Production	Inter-Regional Transfers	Exports	Imports	Coke Oven Gas Production
			terajoules		
1984	141,281	−3,309	117	5,540	45,450
1983	116,188	−331	34	4,737	38,101
1982	110,696	−405	84	2,861	36,235
1981	119,912	−725	69	3,142	38,986
1980	135,076	−2,615	471	2,385	44,154
1979	147,671	−1,739	1,944	2,800	48,085
1978	130,601	–	192	5,961	43,112
1977	128,138	−638	293	5,933	41,517
1976	136,985	439	603	4,375	45,565
1975	130,645	4,240	1,127	11,406	43,099
1974	132,818	4,616	326	6,155	43,755
1973	132,899	537	185	4,461	44,701
1972	117,835	1,973	2,612	5,987	38,266
1971	112,158	516	3,657	7,295	36,672

Source: Statistics Canada, *Detailed Energy Supply and Demand,* (57-207, 57-003).

Table 14.4 Secondary Energy: Electricity, Ontario, 1971 to 1984

	Energy Generated From				
Year	Coal	Fuel Oils	Natural Gas	Other	Total
			terajoules		
1984	134,327	583	4,860	482	140,252
1983	129,571	1,498	4,777	504	136,350
1982	123,386	1,386	7,502	551	132,825
1981	114,595	2,095	8,528	688	125,911
1980	110,495	1,177	10,163	1,004	122,838
1979	102,330	4,122	13,932	756	121,140
1978	97,200	7,178	15,797	778	120,956
1977	94,392	6,619	22,613	637	124,260
1976	82,871	10,786	23,273	416	117,347
1975	73,572	2,515	25,414	336	101,837
1974	72,640	1,119	24,098	403	98,259
1973	69,079	1,306	19,070	346	89,801
1972	81,553	1,454	16,220	265	99,492
1971	88,367	2,078	5,077	325	95,848

Source: Statistics Canada, *Detailed Energy Supply and Demand,* (57-207, 57-003).

Note: Other includes petro coke, manufactured gases, wood and pulping liquor.

Table 14.5 Energy Consumption, Ontario, 1971 to 1984

		Petroleum Products					
Year	Coal & Coal Products	Gasolines	Fuel Oils & Diesel	Light Distillates	Other	Natural Gas	Electricity
				terajoules			
1984	203,281	410,075	326,424	52,614	289,090	733,986	426,181
1983	182,168	408,399	321,070	48,420	268,381	695,730	401,812
1982	165,714	416,745	346,388	51,253	270,609	678,701	383,106
1981	180,188	449,043	427,586	58,792	285,988	709,232	387,752
1980	196,363	469,116	469,605	61,773	270,046	714,100	382,640
1979	199,280	461,935	498,556	59,091	307,673	694,317	375,765
1978	188,272	453,393	507,547	52,896	254,969	686,634	365,368
1977	186,142	450,453	519,911	52,928	95,458	662,459	354,759
1976	193,930	445,861	502,302	55,162	83,974	689,530	345,953
1975	194,302	431,658	478,836	55,307	66,979	617,741	320,964
1974	202,135	421,408	538,923	55,265	60,117	636,228	319,541
1973	216,951	411,052	515,499	51,507	49,732	581,944	303,279
1972	194,974	383,511	536,506	48,203	45,010	567,596	284,589
1971	192,250	356,623	528,153	48,300	39,495	507,539	262,520

Source: Statistics Canada, *Detailed Energy Supply and Demand*, (57-207, 57-003).

Note: Other includes petroleum coke and steam.

Table 14.6 Energy Consumption by Sector, Ontario, 1971 to 1984

		Transportation					
Year	Energy Supply Industry	Rail	Air	Marine	Pipelines	Road	Total
				terajoules			
1984	136,376	21,600	42,633	19,892	26,933	456,957	568,015
1983	135,206	22,072	39,617	21,885	19,713	440,577	543,864
1982	126,717	25,743	38,639	16,616	24,659	433,695	539,352
1981	132,003	27,353	42,044	22,444	24,745	470,622	587,208
1980	148,457	25,960	46,161	27,764	20,008	506,677	626,570
1979	147,008	26,664	44,628	36,368	20,028	502,950	630,637
1978	163,493	24,722	36,882	30,458	1,179	488,984	582,225
1977	136,364	25,143	42,008	25,823	–	498,977	591,952
1976	126,110	24,503	42,176	23,207	–	487,212	577,099
1975	116,511	26,091	42,287	24,483	–	454,750	547,611
1974	117,819	27,738	40,901	26,720	–	446,434	541,794
1973	118,949	24,805	34,490	26,937	–	430,951	517,183
1972	120,508	22,711	29,544	19,828	–	397,541	469,624
1971	120,428	24,041	28,132	20,858	–	373,138	446,169

Table 14.6 (cont'd.)

Year	Domestic & Farm	Commercial & Industrial	Other	Total
		terajoules		
1984	440,912	1,130,676	188,301	2,464,279
1983	434,746	1,046,551	173,638	2,334,004
1982	462,409	1,026,029	156,927	2,311,434
1981	468,938	1,108,908	201,523	2,498,579
1980	497,446	1,091,606	199,562	2,563,641
1979	482,744	1,138,303	197,922	2,596,614
1978	483,790	1,072,100	207,470	2,509,078
1977	414,544	1,136,103	43,147	2,322,110
1976	440,902	1,120,816	51,784	2,316,711
1975	425,768	1,042,552	33,345	2,165,787
1974	447,213	1,097,696	29,096	2,233,618
1973	403,518	1,052,117	38,196	2,129,963
1972	418,813	1,035,183	16,262	2,060,390
1971	386,708	956,272	25,307	1,934,882

Source: Statistics Canada, *Detailed Energy Supply and Demand, (57-207, 57-003).*

Notes: 1. The Transportation Total excludes naval use.
2. The terms Commercial and Industrial as used in this table are based largely on tariffs and cannot therefore be related to Standard Industrial Classification codes.
3. Commercial and Industrial includes public administration (including street lighting) and other Commercial and Industrial users from 1978 on.
4. Other is net energy supply less producer consumption and energy use (final demand).
5. Data from 1978 on are based on a quarterly survey published in Statistics Canada's catalogue no. 57-003. Prior to 1978, the data were derived from an annual survey.

Table 14.7 Energy Consumption in Manufacturing, Ontario, 1971 to 1982

Year	Establishments	Coal	Gasoline	Fuel Oil	Natural Gas	Electricity	Liquefied Petroleum Gas	Total
	#				terajoules			
1982	14,822	21,245	6,647	53,285	286,180	103,762	2,024	473,143
1981	14,553	17,945	7,337	73,380	317,281	114,139	1,742	531,824
1980	14,454	15,921	8,606	80,673	308,633	113,787	2,365	529,985
1979	14,104	21,676	8,714	91,566	317,479	113,111	4,152	556,698
1978	13,079	19,232	9,030	102,162	299,395	106,770	2,803	539,392
1977	11,414	18,218	8,791	111,367	291,955	97,789	8,137	536,257
1976	11,879	14,985	8,923	108,909	308,176	93,960	1,544	536,497
1975	12,245	13,953	8,934	98,627	281,612	86,459	1,597	491,182
1974	12,661	24,912	10,195	123,558	294,022	95,832	2,043	550,562
1973	12,397	24,700	9,826	117,522	266,049	93,011	1,560	512,668
1972	12,589	32,197	9,996	123,820	239,867	88,242	3,261	497,383
1971	12,741	42,984	10,206	114,744	213,988	85,068	1,910	468,900

Sources: Statistics Canada, Industry Division.
Consumption of Purchased Fuel and Electricity, 1982, (57-208).
Ministry of Treasury and Economics, Sectoral and Regional Policy Branch.

Notes: 1. Fuel Oil includes diesel oil, kerosene, heavy fuel oil, and light fuel oil.
2. Total excludes other fuels.

Table 14.8 Energy Consumption in Manufacturing by Industry, Ontario, 1982

	Establishments	Coal	Gasoline	Fuel Oil	Natural Gas	Electricity	Liquefied Petroleum Gas	Total
	#				terajoules			
Non-Durables								
Food & Beverage	1,476	33	1,718	4,156	29,386	6,537	275	42,104
Tobacco Products	11	–	36	95	380	243	11	765
Rubber & Plastic Products	535	–	264	870	6,564	3,534	39	11,270
Leather	172	–	24	81	849	256	7	1,218
Textile	415	–	67	2,134	7,368	2,764	20	12,353
Knitting Mills	92	–	6	149	748	206	1	1,111
Clothing	474	–	27	83	406	242	3	759
Paper & Allied Industries	347	8,121	225	7,852	43,235	18,180	206	77,819
Printing, Publishing & Allied Industries	2,008	–	404	133	1,575	1,269	30	3,410
Petroleum & Coal Products	42	–	34	236	10,670	4,675	83	15,699
Chemical & Chemical Products	605	1,167	487	14,443	58,607	16,307	248	91,259
Miscellaneous Manufacturing	1,302	–	257	173	2,967	1,198	33	4,628
Total	7,479	9,321	3,549	30,406	162,755	55,410	956	262,396
Durables								
Wood	794	–	354	1,108	2,982	1,594	123	6,161
Furniture & Fixture	983	18	114	291	1,884	661	15	2,982
Primary Metal	233	75	250	15,511	51,422	20,973	239	88,471
Metal Fabricating	2,703	–	620	837	12,565	3,774	176	17,972
Machinery	875	3	304	357	6,143	2,227	76	9,110
Transportation Equipment	527	1,320	937	1,213	18,421	8,668	287	30,846
Electrical Products	656	9	215	436	6,813	3,435	41	10,950
Non-Metallic Mineral Products	572	10,499	304	3,126	23,191	7,020	112	44,252
Total	7,343	11,924	3,099	22,880	123,421	48,352	1,068	210,743
Total	14,822	21,245	6,647	53,285	286,180	103,762	2,024	473,143

Sources: Statistics Canada, *Consumption of Purchased Fuel and Electricity, 1982*, (57-208).
Quarterly Report on Energy Supply and Demand in Canada, 1982-IV, (57-003).

Note: See notes, Table 14.7.

Table 14.9 Energy Sales and Revenue, Ontario Hydro, 1973 to 1984

	Primary Energy Sales				Secondary Energy Sales & Transfers	Losses & Unaccounted For
Year	Municipalities	Retail	Direct	Total		
			gigawatts			
1984	73,510	13,867	18,586	105,963	10,627	6,331
1983	70,601	12,825	16,348	99,773	11,900	6,298
1982	67,019	12,867	15,119	95,005	11,822	4,766
1981	66,416	12,783	17,077	96,276	11,831	5,298
1980	64,899	12,936	16,432	94,267	11,392	5,946
1979	63,349	13,011	15,757	92,117	12,502	6,022
1978	61,285	12,927	14,775	88,987	11,549	6,386
1977	58,348	13,021	15,187	86,556	10,540	6,298
1976	57,635	12,436	14,071	84,142	6,600	6,711
1975	54,523	11,049	12,588	78,160	4,924	6,057
1974	51,852	10,736	14,829	77,417	8,078	5,278
1973	49,340	9,880	14,075	73,295	7,745	4,868

Table 14.9 (cont'd.)

	Revenue				
Year	Municipalities	Retail	Direct	Primary Power & Energy	Secondary Power & Energy
			$ millions		
1984	2,555	712	516	3,783	429
1983	2,265	644	448	3,357	448
1982	1,998	576	395	2,969	419
1981	1,800	546	391	2,737	425
1980	1,603	514	342	2,458	361
1979	1,442	475	305	2,222	347
1978	1,275	442	262	1,849	289
1977	1,108	407	244	1,637	210
1976	838	312	170	1,320	90
1975	654	248	126	1,028	43
1974	551	219	126	896	102
1973	506	178	109	793	62

Source: Ontario Hydro, *Statistical Year Book.*

Notes:
1. Losses and Unaccounted For is total transmission losses.
2. Primary Power and Energy has been reduced by excess revenues of $122 million in 1977 and $130 million in 1978.
3. Secondary sales include export sales to other provinces and to the U.S.A.
4. Retail Sales refers to sales of less than 5,000 kw per customer, directly by Ontario Hydro in areas not served by municipal electric utilities.
5. Direct Sales refers to sales of more than 5,000 kw per customer, directly by Ontario Hydro in areas not serviced by municipal electric utilities.

Table 14.10 Average Net Revenue, Ontario Hydro, 1973 to 1984

Year	Residential	Farm	General
		cents per kwh	
1984	5.02	5.24	3.73
1983	4.69	4.87	3.50
1982[r]	4.34	4.50	3.28
1981[r]	3.96	4.11	2.92
1980	3.60	3.74	2.66
1979	3.22	3.42	2.35
1978	2.98	3.21	2.17
1977	2.80	3.02	2.08
1976	2.23	2.46	1.63
1975	1.94	2.24	1.39
1974	1.74	2.06	1.21
1973	1.63	1.87	1.13

Source: Ontario Hydro, *Statistical Year Book.*

Table 14.11 Supply of Electricity by Energy Source, Ontario Hydro, Selected Years, 1951 to 1984

Year	Hydro	Coal	Natural Gas	Oil	Nuclear	Receipts	Total
			percent				millions kwh
1984	30.31	30.15	–	0.01	32.85	6.68	122,920
1983	31.04	30.39	–	–	32.44	6.13	117,971
1982	30.94	30.98	–	0.16	31.19	6.73	111,589
1981	31.17	28.53	–	0.10	32.73	7.47	112,722
1980	33.08	27.89	0.36	–	32.08	6.59	110,900
1979	35.32	26.00	1.35	0.82	29.44	7.07	109,788
1978	33.88	25.60	1.96	1.64	27.39	9.53	105,766
1977	33.09	25.95	4.00	1.54	24.15	11.27	101,381
1976	37.04	24.23	4.72	3.03	16.89	14.09	95,010
1975	40.75	23.62	6.20	0.66	13.11	15.66	86,194
1974	42.56	22.66	5.54	0.02	15.26	13.96	88,698
1973	44.16	22.82	4.36	0.04	16.27	12.35	83,506
1972	48.52	29.06	4.35	0.07	7.47	10.53	77,532
1971	49.78	34.95	1.14	0.16	4.16	9.81	69,998
1966	67.61	20.52	–	0.03	0.32	11.52	49,782
1961	80.04	1.34	–	0.01	–	18.61	38,212
1956	81.99	3.16	–	0.01	–	14.84	29,524
1951	74.01	0.55	–	–	–	25.44	18,811

Source: Ontario Hydro, Public Relations Division.

Notes: 1. Receipts consists of purchases of energy generated by other utilities in Ontario, and from other provinces and the U.S.A. Also includes Equichange power prior to 1964 and includes Douglas Point.

2. Oil includes combustion turbines.

Table 14.12 Customers, Ontario Hydro, Selected Years, 1961 to 1984

Year	Municipalities	Rural Areas	Direct	Total
		number		
1984	2,325,283	779,748	117	3,105,148
1983	2,281,898	768,504	120	3,050,522
1982	2,240,541	763,420	117	3,004,078
1981	2,208,820	758,295	116	2,967,231
1980	2,160,524	766,117	112	2,926,753
1979	2,106,705	770,937	111	2,877,753
1978	2,046,952	785,705	108	2,832,765
1977	1,979,494	795,162	113	2,774,769
1976	1,941,100	768,956	109	2,710,165
1975	1,899,392	747,609	107	2,647,108
1974	1,872,461	720,273	99	2,592,833
1973	1,841,958	694,852	98	2,536,908
1972	1,821,795	658,565	102	2,480,462
1971	1,789,599	644,747	100	2,434,446
1966	1,630,255	557,338	173	2,187,766
1961	1,423,427	515,257	213	1,938,897

Source: Ontario Hydro, *Statistical Year Book.*

Notes: 1. For the years 1961 and 1966, special customers below 5000 kw are included with Direct. After 1966, these customers are included in Rural Areas.

2. Direct includes utilities.

Table 14.13 Generation of Electricity, Ontario Compared to Canada, 1976 to 1984

	Electric Utilities					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	millions kwh		millions kwh		millions kwh	
1984	38,927	15.3	77,896	58.3	116,822	30.2
1983	38,560	16.5	75,323	60.7	113,883	31.9
1982	35,766	15.8	70,663	62.3	106,429	31.4
1981[r]	36,479	15.7	70,072	64.7	106,550	31.3
1980	38,472	17.4	67,193	62.1	105,665	32.2
1979	40,411	18.8	64,198	63.1	104,610	33.0
1978	37,372	18.5	60,327	63.6	97,700	32.8
1977	34,832	18.3	56,760	62.9	91,592	32.7
1976	36,776	19.5	46,817	62.5	83,593	31.7

Table 14.13 (cont'd.)

	Industrial Establishments					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	millions kwh		millions kwh		millions kwh	
1984	1,909	6.4	1,882	23.8	3,791	10.1
1983	1,935	6.4	2,002	24.9	3,937	10.3
1982	1,714	5.9	2,150	27.1	3,864	10.4
1981r	1,737	5.5	2,658	37.8	4,395	11.5
1980	1,835	6.0	2,783	35.1	4,619	11.9
1979	1,897	6.8	2,727	33.6	4,624	12.9
1978	1,843	5.8	2,691	37.2	4,534	11.7
1977	1,688	5.6	2,602	39.0	4,289	11.6
1976	1,601	6.7	2,224	35.2	3,825	12.6

Table 14.13 (cont'd.)

	Electric Utilities & Industrial Establishments					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	millions kwh		millions kwh		millions kwh	
1984	40,836	14.4	79,778	56.4	120,614	28.4
1983	40,495	15.4	77,325	58.5	117,820	29.8
1982	37,480	14.7	72,813	60.0	110,293	29.3
1981r	38,215	14.5	72,730	63.0	110,945	29.3
1980	40,307	16.0	69,977	60.3	110,284	30.0
1979	42,308	17.4	66,926	60.9	109,234	30.9
1978	39,215	16.7	63,018	61.7	102,233	30.4
1977	36,520	16.6	59,361	61.2	95,881	30.2
1976	38,377	18.0	49,042	60.4	87,418	29.7

Source: Statistics Canada, *Electric Power Statistics, Volume II, (57-202, 57-001).*

Notes: 1. Electric Utilities includes both private and public companies.
2. Data on electricity generation are net of station service.
3. Thermal includes coal and nuclear generation.

Table 14.14 Installed Generating Capacity, Ontario Compared to Canada, 1975 to 1984

	Public Electric Utilities					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	megawatts		megawatts		megawatts	
1984	6,483	13.4	21,292	64.0	27,775	34.0
1983	6,483	14.5	19,251	61.6	25,734	33.8
1982	6,483	14.9	18,641	63.6	25,124	34.5
1981	6,483	15.1	18,350	65.0	24,833	34.9
1980	6,543	15.9	18,313	64.3	24,856	35.7
1979	6,483	17.3	18,313	65.5	24,797	37.9
1978	6,481	18.3	18,314	67.5	24,795	39.7
1977	6,482	22.6	16,514	66.1	22,996	42.8
1976	6,423	22.8	14,903	65.6	21,326	41.9
1975	6,387	25.3	13,581	66.4	19,968	43.7

Table 14.14 (cont'd.)

	Private Electric Utilities					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	megawatts		megawatts		megawatts	
1984	336	16.0	6	0.1	342	4.7
1983	336	16.0	6	0.1	343	4.7
1982	336	15.4	6	0.1	343	5.3
1981	281	14.1	6	0.1	288	4.6
1980	303	14.4	6	0.2	309	5.1
1979	303	14.4	6	0.2	309	5.5
1978	303	14.4	6	0.2	309	5.5
1977	303	4.0	6	0.2	309	2.9
1976	303	4.4	6	0.2	308	3.3
1975	303	4.0	6	0.3	308	3.2

Table 14.14 (cont'd.)

	Public & Private Electric Utilities					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	megawatts		megawatts		megawatts	
1984	6,819	13.5	21,298	55.5	28,117	31.6
1983	6,819	14.5	19,258	53.0	26,077	31.3
1982	6,819	14.9	18,647	55.5	25,466	32.1
1981	6,764	15.1	18,357	56.4	25,121	32.4
1980	6,846	15.8	18,320	56.5	25,166	33.2
1979	6,787	17.2	18,320	58.1	25,106	35.3
1978	6,784	18.1	18,320	59.7	25,104	36.8
1977	6,785	18.7	16,520	59.2	23,305	36.3
1976	6,726	19.2	14,909	59.1	21,635	35.9
1975	6,690	20.4	13,586	60.3	20,276	36.6

Table 14.14 (cont'd.)

	Industrial Establishments					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	megawatts		megawatts		megawatts	
1984	311	7.2	522	27.8	833	13.5
1983	312	7.2	520	27.5	832	13.4
1982	312	7.2	494	25.8	806	12.9
1981	308	6.9	323	17.7	631	10.0
1980	299	6.7	331	18.2	630	10.0
1979	299	6.7	313	18.7	612	10.0
1978	299	6.7	313	16.4	612	9.6
1977	299	6.6	307	16.5	606	9.5
1976	299	6.7	307	18.3	606	9.8
1975	299	6.7	561	36.6	860	14.3

Table 14.14 (cont'd.)

Year	Electric Utilities & Industrial Establishments: Hydro: Ontario	Hydro: % of Canada	Thermal: Ontario	Thermal: % of Canada	Total: Ontario	Total: % of Canada
	megawatts		megawatts		megawatts	
1984	7,130	13.0	23,175	57.5	30,305	31.8
1983	7,131	13.9	19,777	51.7	26,909	30.1
1982	7,131	14.3	19,141	53.9	26,272	30.7
1981	7,072	14.3	18,680	54.3	25,752	30.8
1980	7,145	15.0	18,651	54.5	25,796	31.5
1979	7,086	16.1	18,633	56.1	25,718	33.3
1978	7,083	16.9	18,634	57.1	25,716	34[illegible]
1977	7,084	17.4	16,827	56.5	23,911	33.9
1976	7,025	17.8	15,216	56.5	22,240	33.5
1975	6,989	18.7	14,147	58.8	21,136	34.5

Source: Statistics Canada, *Electric Power Statistics, Volume III, (57-206).*

Notes: 1. Generating capacity figures are as of December 31 of each year.
2. See Table 14.13, note 3.

Table 14.15 Receipts and Disposition of Liquefied Petroleum Gases and Petroleum Products, Ontario, 1974 to 1984

Year	Net Receipts: Processing Plants	Net Receipts: Refineries & Bulk Plants	Net Receipts: Imports	Net Receipts: Other	Net Receipts: Total	Transfers From Outside Ontario	Total
	'000's cubic metres						
1984	3,963	15,089	806	214	20,072	7,522	27,594
1983	3,232	14,149	1,023	219	18,624	6,257	24,881
1982	3,208	14,831	1,285	297	19,622	4,847	24,469
1981	2,191	15,981	1,123	205	19,500	5,279	24,779
1980	1,458	16,239	1,323	–	19,019	5,586	24,606
1979	2,036	15,633	1,368	–	19,037	5,551	24,588
1978	3,220	11,976	1,138	152	16,487	6,529	23,016
1977	3,253	12,575	769	–	16,598	7,847	24,445
1976	1,502	13,510	598	–	15,609	7,206	22,815
1975	1,419	12,327	455	–	14,201	5,994	20,195
1974	1,053	12,750	158	–	13,961	5,267	19,228

Table 14.15 (cont'd.)

Year	Net Deliveries: Refineries	Net Deliveries: Bulk Plants & Terminals	Net Deliveries: Export	Net Deliveries: Other	Net Deliveries: Total
	'000's cubic metres				
1984	1,517	18,384	4,350	2,770	27,021
1983	832	17,163	4,876	1,940	24,811
1982	971	16,892	4,384	2,148	24,396
1981	927	18,347	3,752	1,875	24,901
1980	924	19,170	4,051	288	24,434
1979	864	20,240	2,994	156	24,254
1978	651	19,181	3,078	25	22,935
1977	819	20,615	2,796	128	24,358
1976	1,125	19,497	2,123	26	22,772
1975	727	17,968	1,445	–	20,140
1974	555	17,380	1,264	–	19,199

Table 14.15 (cont'd.)

Year	Transfers Out of Ontario	Line Losses & Unaccounted for	Inventory Changes	Total
		'000's cubic metres		
1984	553	130	−110	27,594
1983	296	−74	−152	24,881
1982	–	−140	213	24,469
1981	40	−78	−85	24,779
1980	5	−11	178	24,606
1979	36	40	258	24,588
1978	9	2	70	23,016
1977	87	48	−48	24,445
1976	–	6	37	22,815
1975	–	−7	62	20,195
1974	–	−3	32	19,228

Source: Statistics Canada, *Oil Pipeline Transport*, (55-201).

Notes: 1. In the years 1974 to 1984, the item Net Deliveries for Export includes some U.S. liquefied petroleum gas re-exported to the United States. For 1984, these re-exports amounted to 772,300 cubic metres.

2. Other in Net Deliveries includes the further transportation of liquefied petroleum gas and petroleum products by rail, road, water or tanker for delivery where pipeline cannot reach.

Table 14.16 Receipts and Disposition of Crude Oil, Condensate and Pentanes Plus, Ontario, 1974 to 1984

Year	Net Receipts					Transfers From Outside Ontario	Total
	Other Carriers	Processing Plants	Imports	Other	Total		
				'000's cubic metres			
1984	–	1,015	1,200	70	2,285	42,301	44,586
1983	–	1,024	1,655	23	2,702	41,253	43,955
1982	–	1,236	5,861	42	7,138	39,049	46,188
1981	12	1,098	7,083	–	8,192	41,646	49,838
1980	14	871	5,168	–	6,053	47,347	53,400
1979	10	956	5,027	69	6,062	47,842	53,904
1978	15	878	5,197	–	6,090	41,823	47,913
1977	17	1,353	3,358	–	4,728	39,497	44,225
1976	19	1,483	591	205	2,296	35,437	37,733
1975	22	1,626	122	102	1,872	30,680	32,552
1974	25	1,276	42	55	1,398	33,751	35,149

Table 14.16 (cont'd.)

Year	Net Deliveries				
	Refineries	Processing Plants	Export	Other	Total
		'000's cubic metres			
1984	29,034	966	2,596	113	32,709
1983	27,775	1,000	1,833	–	30,608
1982	27,472	1,169	2,525	20	31,186
1981	31,956	1,137	3,526	–	36,619
1980	34,257	906	339	–	35,502
1979	34,599	864	470	57	35,990
1978	31,184	854	185	40	32,262
1977	29,070	696	1,344	22	31,132
1976	26,361	435	2,851	198	29,845
1975	25,755	1,081	5,724	122	32,682
1974	27,544	849	6,837	54	35,284

Table 14.16 (cont'd.)

Year	Transfers Out of Ontario	Line Losses & Unaccounted for	Inventory Changes	Total
		'000's cubic metres		
1984	12,977	−72	−1,028	44,586
1983	14,423	−3	−1,073	43,955
1982	15,562	−15	−545	46,188
1981	13,492	13	−286	49,838
1980	17,935	–	−37	53,400
1979	17,888	−3	29	53,904
1978	15,935	4	−287	47,913
1977	13,487	−91	−303	44,225
1976	7,225	–	664	37,733
1975	–	–	−130	32,552
1974	–	–	−135	35,149

Source: Statistics Canada, *Oil Pipeline Transport*, (55-201).

Notes:
1. The item Net Deliveries for Export includes some United States oil re-exported to that country for the years 1976 to 1978, 1982 and 1984. In 1984, these re-exports amounted to 286,322 cubic metres.
2. Condensate is a naturally occurring hydrocarbon which is gaseous in its virgin reservoir state, but is liquid at the conditions under which its volume is measured.
3. Pentanes plus is a liquid hydrocarbon produced from raw natural gas, condensate or crude oil.
4. Other in Net Deliveries includes the further transportation of crude oil by rail, road, water or tanker for delivery where oil pipelines cannot reach.

Table 14.17 Receipts and Disposition of Natural Gas Utilities, Ontario, 1976 to 1983

Year	Net Receipts			Received From Storage	Transfers From Outside Ontario	Total
	Fields	Other	Total			
			millions cubic metres			
1983	461	254	714	3,598	21,850	26,162
1982	434	234	667	3,488	22,992	27,147
1981	418	237	655	3,379	23,648	27,682
1980	363	212	575	4,315	21,937	26,827
1979	292	227	518	3,658	22,320	26,496
1978	311	165	476	3,469	22,362	26,307
1977	238	29	267	3,473	23,041	26,781
1976	139	120	258	3,340	22,480	26,078

Table 14.17 (cont'd.)

Year	Net Deliveries						
	Sales				Exports	Other Deliveries	Total
	Residential	Commercial	Industrial	Total			
			millions cubic metres				
1983	5,013	3,954	8,811	17,778	981	138	18,898
1982	5,220	3,967	8,613	17,800	1,101	137	19,038
1981	4,087	4,850	9,553	18,490	1,211	164	19,864
1980	4,034	4,772	9,836	18,641	588	119	19,349
1979	3,958	4,533	10,419	18,910	496	1	19,407
1978	3,913	4,567	10,189	18,668	357	7	19,032
1977	3,730	4,276	10,812	18,818	420	36	19,273
1976	3,850	4,328	10,996	19,173	365	7	19,544

Table 14.17 (cont'd.)

Year	Transfers Out of Ontario	Delivered To Storage	Other	Total
		millions cubic metres		
1983	3,944	2,552	768	26,162
1982	3,322	4,210	577	27,147
1981	3,519	3,577	722	27,682
1980	3,233	3,387	857	26,827
1979	3,048	3,483	559	26,496
1978	2,846	3,689	740	26,307
1977	2,558	4,221	729	26,781
1976	2,434	3,004	1,096	26,078

Source: Statistics Canada, *Gas Utilities: Transport and Distribution Systems*, (57-205).

Note: Other includes line pack fluctuation, gas used in systems and line losses and unaccounted for.

Chapter 15
Business

Business

This chapter presents data on business in general terms rather than concentrating on specific industries. The information comes from a variety of sources and describes business organization and development, income and viability. The business universe can be conceptually linked to the business sector of the Provincial Accounts covered in Chapter 11, Economic Overview. Data on industrial research and development (R & D) expenditures have also been included here.

Sources of Data

The main sources of data are:

- administrative records of the Ontario Ministry of Consumer and Commercial Relations;
- corporate income tax returns submitted to Revenue Canada;
- administrative records of Consumer and Corporate Affairs Canada;
- surveys of industrial research and development expenditure conducted by Statistics Canada.

The Companies Branch of the Ministry of Consumer and Commercial Relations is responsible for the registration of sole proprietorships, partnerships, and business names of corporations, incorporation of Ontario limited companies and licensing of extra-provincial corporations which require a licence to operate in Ontario. Their administrative records yield statistics on aggregate formation of new corporations, amalgamations, extra-provincial corporate licences, dissolutions, cancellations, and active corporations. In this chapter, only the number of registrations is given for sole proprietorships and partnerships. Because these registrations need not be dissolved but can merely be allowed to lapse on expiry, there are problems in determining how many of the entities registered are actively in business.

The Statistics Canada publication, *Corporation Taxation Statistics, (61-208)*, provides data derived from corporation income tax returns submitted to Revenue Canada. Data on numbers of corporations and taxable income by province are based on the universe of all returns, while other data are compiled from a stratified sample. The data exclude corporations with less than $500 in sales, assets, equity, profits and taxable income. Also excluded are credit unions and insurance carriers. Taxable income is allocated by province as reported by the corporation in accordance with Federal Income Tax Regulations. For most corporations the allocation formula is based on the average of:

- the proportion of gross revenue reasonably attributable to permanent establishments in a given province, and;
- the proportion of aggregate salaries and wages paid to employees of permanent establishments in that province.

Because of the special nature of their operations across Canada, certain types of corporations, mainly in the finance and transportation industries, are subject to special formulae for provincial allocation of income. Corporations with losses or zero taxable income are excluded from the provincial allocation.

Revenue Canada issues a publication entitled *Taxation Statistics* which presents aggregate information compiled from income tax returns of individuals, providing data on the income of proprietors of unincorporated business. For a more complete discussion of this source, see Chapter 9, Personal Income, Expenditure and Saving.

There is relatively little information available on small business. Statistics Canada has compiled some data derived from a sample of taxation returns for both corporate and unincorporated businesses. Statistics on small businesses have also been published by the Small Business Secretariat of the federal Department of Regional Industrial Expansion. The following exclusions to the small business data base should be noted:

- financial institutions such as banks and loan companies;
- insurance companies;
- investment and holding companies;
- tax-exempt corporations;
- self-employed business operators earning less than $10,000 gross income from such business operations;

- farm operations and fishing operations;
- professionals;
- self-employed commission salespeople.

Commercial bankruptcy statistics can serve as an important indicator of general economic conditions. The Office of the Superintendent of Bankruptcy, Consumer and Corporate Affairs Canada, which has responsibility for supervision of the bankruptcy process, compiles these data and publishes a monthly statistical bulletin and *Annual Statistical Summary*, which provide numbers of cases, total assets, liabilities and deficiencies by industry and province. Assets, liabilities and deficiencies reflect amounts as declared by debtors in completing sworn Statements of Affairs.

Research and development (R & D) can be defined as creative work undertaken on a systematic basis to increase the stock of scientific knowledge and technology. Both the federal and Ontario governments play an important role in the encouragement of this type of activity. Data on industrial research and development are collected by Statistics Canada in conjunction with Science and Technology Canada. From 1970 to 1981, all known firms performing industrial R & D were surveyed in odd-numbered years (e.g. 1981), while a sample which included the leading performers was used for even-numbered years. As a result, data by province were available only every second year when the full survey was conducted. From 1982 on, a full survey is conducted every year; data are published in Statistics Canada catalogue, *Industrial Research and Development Statistics*, (88-202). Further information is available through the Science, Technology and Capital Stock Division of Statistics Canada, telephone Ottawa, 990-9919.

Business

Charts:

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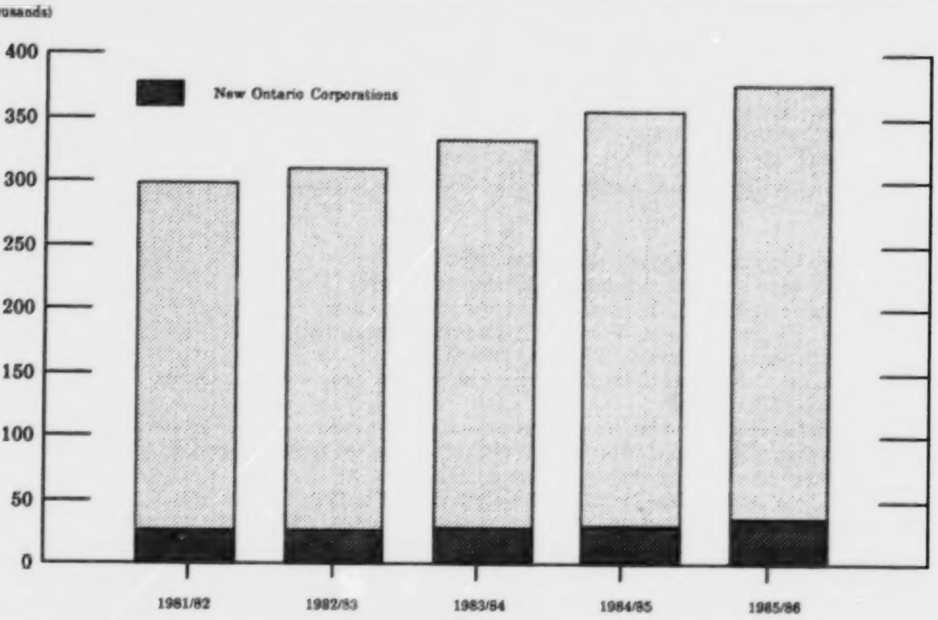
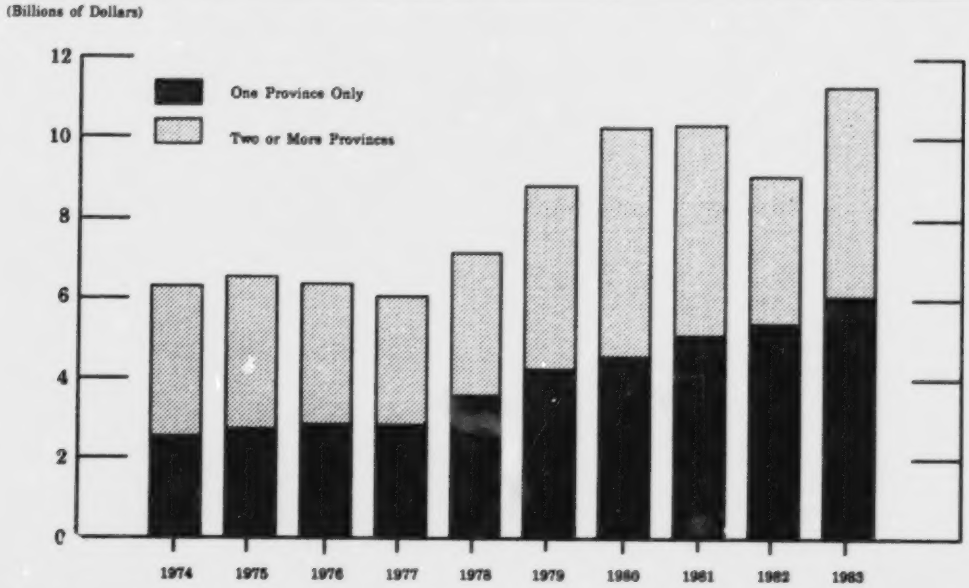
Chart 15.1 Corporate Registrations, Ontario, 1981/82 to 1985/86



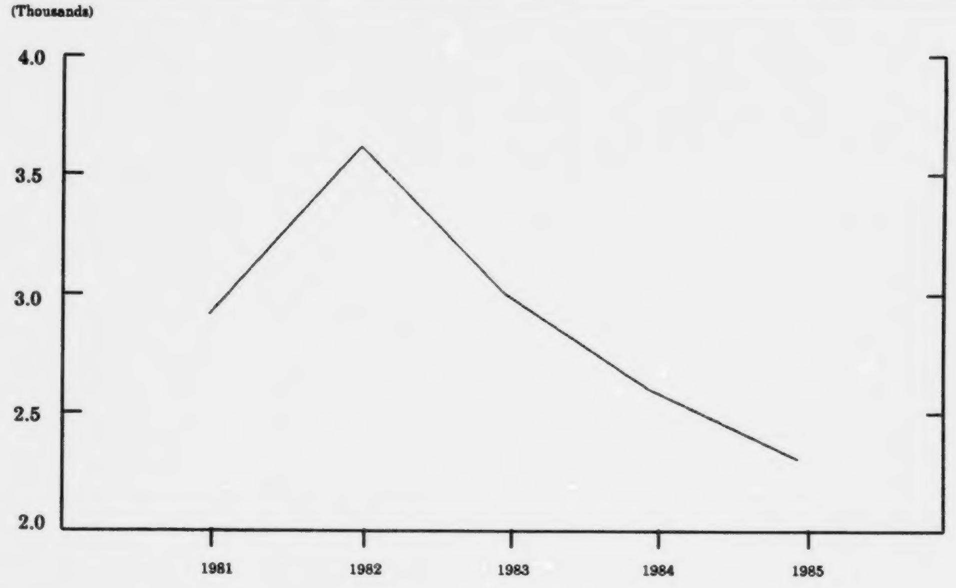
Refer to Table 15.1

Chart 15.2 Corporate Taxable Income Allocated to Ontario, 1974 to 1983



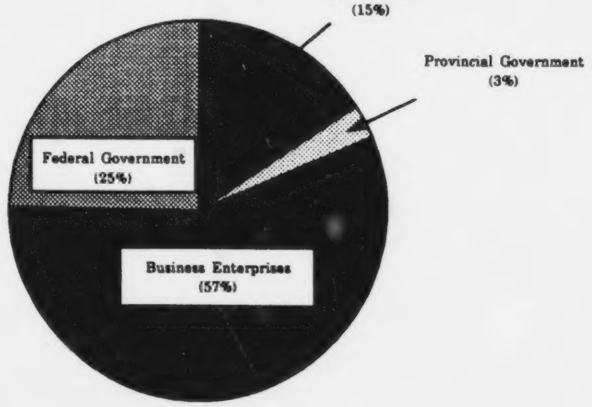
Refer to Table 15.2

Chart 15.3 Business Bankruptcies, Ontario, 1981 to 1985



Refer to Table 15.10

Chart 15.4 Expenditures on Research and Development, Ontario, 1982



Refer to Table 15.12

Table 15.1 Corporate Registrations, Ontario, 1978/79 to 1985/86

Year	New Ontario Corporations	Amalgamations	New Licences	Voluntary Wind Up & Dissolutions	Cancellations	Active Corporations
				'000's		
1985/86	38.2	0.9	0.1	1.6	15.5	378.0
1984/85	32.1	1.0	0.4	1.7	9.5	357.1
1983/84	30.7	0.8	0.5	1.6	9.4	334.9
1982/83^{r}	28.7	0.9	0.4	1.4	17.7	312.2
1981/82	28.7	0.8	0.5	1.4	5.8	300.8
1980/81	28.4	0.7	0.5	1.6	10.5	277.5
1979/80	28.0	0.7	0.4	1.7	11.9	259.5
1978/79	27.8	0.6	0.4	1.5	2.9	243.5

Source: Ministry of Consumer and Commercial Relations, Companies Division.

Notes:
1. Data include corporations incorporated in Ontario and corporations incorporated elsewhere which require a licence to operate in Ontario.
2. Data are for fiscal year ending March 31.
3. Amalgamations are the merging of two or more corporations into one corporation.
4. Corporations incorporated in jurisdictions which have a reciprocal agreement with Ontario do not need licences to operate in Ontario.
5. An active corporation is one which has not been dissolved.

Table 15.2 Corporate Taxable Income Allocated to Ontario, 1971 to 1983

	Corporations Operating in			Taxable Income of Corporations Operating in		
Year	Ontario Only	Ontario & Other Provinces	Total	Ontario Only	Ontario & Other Provinces	Total
		'000's			$ millions	
1983	80.5	3.1	83.5	6,067	5,345	11,412
1982	75.3	2.9	78.2	5,355	3,725	9,080
1981	71.9	3.4	75.3	5,109	5,297	10,406
1980^{r}	67.2	3.5	70.7	4,627	5,664	10,291
1979	63.6	3.4	67.1	4,331	4,571	8,903
1978	58.2	3.1	61.4	3,561	3,588	7,149
1977	52.0	2.9	54.9	2,913	3,186	6,099
1976	52.2	2.1	54.3	2,938	3,506	6,444
1975	50.0	2.6	52.6	2,766	3,815	6,581
1974	48.2	3.1	51.3	2,599	3,845	6,444
1973	43.2	2.8	46.0	2,066	2,781	4,847
1972	38.7	2.5	41.2	1,629	2,176	3,804
1971	38.1	2.6	40.6	1,398	1,823	3,221

Source: Statistics Canada, *Corporation Taxation Statistics, (61-208).*

Notes:
1. Data cover corporations reporting taxable income of $500 or more.
2. Corporations which maintain permanent establishments in more than one province are required by the Regulations to the Income Tax Act (Canada) to allocate their taxable income among those provinces in which they operate. For most corporations (with the exception of banks, trust companies, railways, airlines, grain elevators, bus and truck operators, pipelines and non-resident corporations) the formula used to allocate taxable income is based on the average of their provincial shares of gross revenue and of salaries and wages paid.
3. Data for Canada include corporations allocating to jurisdictions outside Canada. In 1983, 195 corporations allocating to other jurisdictions only reported taxable income of $128 million, while 291 corporations allocating to other jurisdictions and one or more provinces had taxable income of $255 million allocated to other jurisdictions.

Table 15.3 Corporate Taxable Income by Major Industry, Allocated to Ontario, 1983

	Corporations Operating in			Taxable Income of Corporations Operating in			
	Ontario Only	Ontario & Other Provinces	Total	Ontario Only	Ontario & Other Provinces	Total	% of Canada
		number			$ '000's		
Agriculture	2,053	12	2,065	. .	. .	132,808	33.9
Forestry	181	1	182	. .	. .	11,300	11.3
Fishing	43	–	43	2,545	–	2,545	12.8
Total	2,277	13	2,290	137,513	9,140	146,653	28.7
Metal Mining	5	6	11	7,574	43,322	50,896	43.5
Mineral Fuels	14	26	40	1,003	86,138	87,141	1.6
Other Mining	164	22	186	14,857	42,625	57,482	15.6
Total	183	54	237	23,434	172,085	195,519	3.3
Food	707	91	798	129,009	272,366	401,375	39.9
Beverages	43	24	67	21,730	142,348	164,078	43.2
Tobacco Products	2	4	6	. .	. .	78,405	36.6
Rubber Products	28	21	49	7,551	74,761	82,312	65.6
Leather Products	102	16	118	18,266	13,500	31,766	51.5
Textile Mills	211	43	254	47,672	72,115	119,787	56.6
Knitting Mills	51	7	58	7,097	4,713	11,810	31.4
Clothing	334	33	367	44,530	7,948	52,478	28.2
Wood	420	12	432	49,328	7,121	56,449	24.2
Furniture	443	19	462	37,138	5,766	42,904	47.8
Paper & Allied Industries	176	36	212	74,281	93,018	167,299	49.4
Printing, Publishing & Allied Industries	1,222	68	1,290	117,986	203,973	321,959	54.2
Primary Metals	103	15	118	44,234	205,903	250,137	83.2
Metal Fabricating	1,810	85	1,895	218,853	145,583	364,436	64.6
Machinery	433	61	494	70,463	71,773	142,236	62.8
Transport Equipment	268	42	310	161,140	552,643	713,783	65.3
Electrical Products	347	68	415	145,615	218,805	364,420	62.2
Non-metallic Mineral Products	280	24	304	63,684	67,081	130,765	57.9
Petroleum & Coal Products	16	6	22	. .	. .	21,611	5.4
Chemicals & Chemical Products	239	146	385	98,950	453,609	552,559	52.3
Miscellaneous Manufacturing	1,189	99	1,288	147,909	150,068	297,977	60.7
Total	8,424	920	9,344	1,513,642	2,854,904	4,368,546	51.9
Construction	9,011	91	9,102	461,175	56,984	518,159	36.9
Transportation	2,457	131	2,588	175,257	118,415	293,672	30.2
Storage	106	11	117	10,988	5,686	16,674	41.9
Communication	143	8	151	78,955	468,808	547,763	39.5
Public Utilities	145	5	150	109,620	26,143	135,763	18.2
Total	2,851	155	3,006	374,820	619,052	993,872	31.6
Wholesale Trade	8,281	666	8,947	734,080	367,527	1,101,607	43.9
Retail Trade	12,945	186	13,131	702,491	189,428	891,919	43.7
Finance	18,407	523	18,930	1,236,662	537,917	1,774,579	44.9
Services to Business Management	8,567	270	8,837	401,670	395,412	797,082	50.0
Government Personal & Miscellaneous Services	9,531	178	9,709	481,375	142,238	623,613	41.7
Total	18,098	448	18,546	883,045	537,650	1,420,695	46.0
All Industries	80,477	3,056	83,533	5,923,688	5,243,737	11,411,549	36.8

Source: Statistics Canada, *Corporation Taxation Statistics*, (61-208).

Note: See Table 15.2, notes 1 and 2.

Table 15.4 Corporate Taxable Income by Asset Size, Allocated to Ontario, 1983

	Corporations	Taxable Income
	#	$ millions
Under $100,000	28,403	573
100,000 – 249,999	19,544	761
250,000 – 999,999	23,477	1,711
1,000,000 – 4,999,999	9,216	1,498
5,000,000 – 24,999,999	1,973	1,522
25,000,000 – 99,999,999	601	1,607
100,000,000 & Over	319	3,739
Total	83,533	11,412

Source: Statistics Canada, *Corporation Taxation Statistics*, (61-208).

Notes: 1. See Table 15.2, notes 1 and 2.
2. Asset size refers to the total assets of corporations, without regard to a provincial distribution of assets.

Table 15.5 Business Registrations, Ontario, 1978/79 to 1985/86

Year	Registrations
	#
1985/86	93,308
1984/85	76,930
1983/84	69,689
1982/83	65,168
1981/82	56,065
1980/81	54,173
1979/80	49,962
1978/79	43,398

Source: Ministry of Consumer and Commercial Relations, Companies Division.

Notes: 1. Data include sole proprietorships, general partnerships and limited partnerships registered under the Partnership Act.
2. Data are for fiscal year ending March 31.

Table 15.6 Proprietors of Unincorporated Businesses, Total Income and Taxable Income, Ontario and Other Regions of Canada, 1976 to 1983

Year	Proprietors	Total Income	Taxable Income
	'000's	$ millions	
1983			
Ontario	182	2,275	1,237
Atlantic	38	465	232
Quebec	123	1,732	949
West	153	2,054	1,144
Canada	497	6,526	3,562
Ontario % of Canada	36.7	34.9	34.7
Ontario			
1982	176	2,153	1,207
1981	175	2,182	1,253
1980	187	2,101	1,205
1979	190	2,016	1,148
1978	185	1,877	1,089
1977	170	1,724	1,001
1976	164	1,595	951

Source: Revenue Canada, Taxation, *Taxation Statistics*.

Notes: 1. Data are based on all returns filed, both taxable and non-taxable, where filer has been classified as a business proprietor according to the major source of income shown on the return.
2. Provincial distribution is based on address at time of filing.
3. The Canada total includes non-residents.

Table 15.7 Business Proprietors, Total Income and Taxable Income by Industry, Ontario Compared to Canada, 1983

	Proprietors		Total Income		Taxable Income	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		$ '000's		$ '000's	
Forestry	1,417	19.5	18,716	15.3	9,471	14.0
Manufacturers	6,584	39.8	87,333	39.8	52,063	42.8
Construction	31,082	39.2	433,206	39.1	228,268	39.1
Public Utilities	20,335	32.9	253,886	32.5	131,259	32.2
Wholesale Traders	2,841	35.4	64,676	37.2	38,385	36.8
Retail Traders	50,300	35.1	598,020	33.3	334,648	33.6
Insurance	675	43.0	16,366	39.6	10,477	38.1
Real Estate	1,072	38.0	28,388	39.8	15,630	35.5
Other Finance	4,147	72.1	65,319	48.7	49,472	53.0
Recreational Services	2,968	40.7	45,239	37.1	27,306	38.9
Business Services	5,693	45.6	63,542	41.3	32,162	40.4
Other Services	53,233	37.2	568,235	33.9	291,009	32.6
Other Business	2,122	29.9	31,584	25.5	17,195	23.2
Total	182,469	36.7	2,274,510	47.4	1,237,345	34.7

Source: Revenue Canada, Taxation, *Taxation Statistics.*

Note: See notes, Table 15.6.

Table 15.8 Small Business, Ontario and Other Regions of Canada, Selected Years, 1976 to 1981

	Small Firms		Sales	
Year	Number	% of All Firms	Value	% of All Firms
	'000's		$ billions	
1981				
Ontario	239.9	. .	43.2	. .
Atlantic	48.5	. .	8.4	. .
Quebec	166.3	. .	32.5	. .
West	255.7	. .	46.0	. .
Canada	710.4	95.9	130.1	19.6
Ontario % of Canada	33.8	. . .	33.2	. . .
1980ʳ				
Ontario	242.1	. .	41.8	. .
Atlantic	49.6	. .	8.2	. .
Quebec	167.2	. .	31.3	. .
West	252.2	. .	42.5	. .
Canada	711.2	96.3	127.8	21.4
Ontario % of Canada	34.0	. . .	33.7	. . .
1978				
Ontario	253.3	96.6	39.3	19.4
Atlantic	47.2	97.2	. .	. .
Quebec	161.0	96.3	26.9	23.8
West	238.6	97.2	. .	. .
Canada	700.2	96.8	108.5	22.2
Ontario % of Canada	36.2	. . .	36.2	. . .
1976				
Ontario	228.8	97.0	33.5	22.7
Atlantic	46.4	97.8	6.4	35.4
Quebec	141.2	96.5	23.3	26.2
West	211.3	97.6	28.7	24.6
Canada	628.1	97.2	91.9	24.8
Ontario % of Canada	36.4	. . .	36.4	. . .

Sources: Statistics Canada, *Daily, March 9, 1984.*
Department of Industry, Trade and Commerce, *Small Business in Canada, 1981.*
Regional Industrial Expansion, Small Business Secretariat, *Statistical Profile of Small Business in Canada.*

Notes: 1. Small businesses are defined as those with sales of less than $2 million.
2. In 1980, data for the West includes firms operating in Canada which could not be assigned to one specific province.

Table 15.9 Small Business by Industry, Ontario Compared to Canada, 1981

	Firms		Sales	
	Ontario	% of Canada	Ontario	% of Canada
	'000's		$ millions	
Forestry	1.6	13.9	192.5	12.9
Mines & Quarries	0.7	14.7	175.7	13.7
Manufacturing	16.1	38.6	5,385.4	40.0
Construction	42.6	33.0	6,239.3	31.6
Transportation, Communication & Utilities	20.2	28.3	2,174.6	27.9
Trade	75.3	34.1	18,135.5	32.6
Insurance Agencies & Real Estate	23.1	35.6	3,294.8	34.3
Business & Personal Services	60.3	36.2	7,627.6	36.3
Total	239.9	33.8	43,225.2	33.2

Source: Regional Industrial Expansion, Small Business Secretariat, *Statistical Profile of Small Business in Canada.*

Notes: 1. See Table 15.8, note 1.
2. Mines include milling.

Table 15.10 Business Bankruptcies, Ontario Compared to Canada, 1978 to 1985

	Bankruptcies		Deficiency	
Year	Ontario	% of Canada	Ontario	% of Canada
	#		$ '000's	
1985	2,317	26.7	338,271	21.8
1984	2,579	26.9	399,805	21.1
1983	3,020	29.4	521,414	27.5
1982	3,607	33.5	486,949	31.4
1981	2,901	36.0	240,007	31.6
1980	2,622	39.8	188,755	39.0
1979	2,231	39.2	138,357	33.8
1978	2,141	38.6	121,834	30.3

Source: Consumer and Corporate Affairs Canada, Office of the Superintendent of Bankruptcy, *Annual Statistical Summary.*

Notes: 1. Data exclude Small Debtor Program Bankruptcies.
2. Data include farm bankruptcies.

Table 15.11 Business Bankruptcies by Industry, Ontario Compared to Canada, 1985

	Bankruptcies		Deficiency	
	Ontario	% of Canada	Ontario	% of Canada
	#		$ '000's	
Primary	167	21.1	37,273	32.0
Manufacturing	203	29.3	57,628	33.9
Construction	522	34.2	46,041	19.7
Transportation, Communication & Utilities	142	28.5	11,335	24.0
Trade	578	23.8	68,324	25.6
Finance, Insurance & Real Estate	92	19.5	40,158	10.9
Services	612	27.3	77,458	22.1
Other	1	12.5	55	4.1
Total	2,317	26.7	338,271	21.8

Source: Consumer and Corporate Affairs Canada, Office of the Superintendent of Bankruptcy, *Annual Statistical Summary.*

Note: 1. See Table 15.10, note 1.
2. Primary includes farm bankruptcies.

Table 15.12 Expenditures on Research and Development by Performing Sector, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
Federal Government	588	118	107	228	1,042	56.4
Provincial Governments	60	6	32	71	170	35.3
Business Enterprise	1,349	15	559	441	2,381	56.7
Higher Education	351	80	275	294	998	35.2
All Sectors	2,348	219	973	1,034	4,591	51.1

Sources: Statistics Canada, *Science and Technology Indicators*, (88-201).

Notes: 1. Total expenditures on R & D (research and development) include those for R & D performed within the region/country but funded from abroad. They exclude payments made abroad for R & D.
2. Provincial data include provincial research councils and foundations.
3. Higher Education includes expenditures by private non-profit institutions.
4. Canada totals include the Yukon and Northwest Territories.
5. Reliability of regional R & D expenditures is partially affected by the fact that expenditures are assigned to the region in which the performing establishment is located. However, personnel may live in an adjoining province and materials and equipment will often come from another province or country.

Table 15.13 Total Intramural Research and Development Expenditures by Industry, Ontario, Selected Years, 1977 to 1983

		Manufacturing						
Year	Mines & Wells	Food, Beverages & Tobacco	Rubber & Plastic	Textiles	Wood Base Industries	Primary Metals & Metal Fabricating	Business Machines	Other Machinery
				$ millions				
1983	9	51	11	3	20	86	95	49
1982	16	50	17	5	22	87	75	60
1981r	22	38	17	4	21	80	54	52
1979r	10	22	12	2	14	59	26	30
1977r	5	17	7	2	9	42	14	28

Table 15.13 (cont'd.)

	Manufacturing (cont'd.)							
Year	Aircraft & Parts	Other Transportation Equipment	Communications Equipment	Other Electrical Products	Non-metallic Mineral Products	Petroleum Products	Drugs & Medicines	Other Chemical Products
				$ millions				
1983	121	59	506	72	12	. .	29	86
1982	122	47	388	70	10	. .	26	91
1981r	104	41	281	62	10	. .	27	75
1979r	41	24	170	43	7	. .	16	49
1977r	25	15	120	27	6	. .	12	35

Table 15.13 (cont'd.)

Year	Manufacturing (cont'd.) Scientific & Professional Equipment	Manufacturing (cont'd.) Other	Manufacturing (cont'd.) Total	Services Trans-portation & Utilities	Services Engineering & Scientific Services	Services Other	Services Total	Total
				$ millions				
1983	23	. .	1,315	60	44	104	208	1,532
1982	23	. .	1,186	56	48	108	212	1,414
1981r	18	. .	953	37	42	81	160	1,135
1979r	9	. .	564	21	29	48	98	672
1977r	5	. .	390	24	16	27	67	463

Source: Statistics Canada, *Industrial Research and Development Statistics*, (88-202).

Notes: 1. Intramural expenditures refer to work performed within the reporting company, including work financed by others.
2. Other Machinery includes agricultural implements, commercial refrigeration and air conditioning, and production equipment, except electrical machinery.
3. Other Transportation Equipment includes motor vehicles, railroad rolling stock and ship and boat building.
4. Other Electrical Products includes electrical appliances, lighting fixtures and electrical industrial equipment.
5. Other Chemical Products includes fertilizers, plastics and synthetic resins, paints and varnishes, toilet preparations, cleaning compounds and industrial chemicals.
6. Other Manufacturing includes jewellery and silverware, sporting goods and toys, signs and displays, musical instruments and a wide variety of miscellaneous products.
7. Other Services includes electrical power and community, business and personal services except for engineering and scientific services.

Table 15.14 Persons Engaged in Intramural Research and Development, Ontario and Other Regions of Canada, 1983

	Professional	Other	Total
		person-years	
Ontario	11,015	11,105	22,120
Atlantic	170	200	370
Quebec	3,965	4,290	8,255
West	2,405	2,250	4,655
Ontario % of Canada	62.8	62.2	62.5

Source: Statistics Canada, *Industrial Research and Development Statistics*, (88-202).

Notes: 1. See Table 15.13, note 1.
2. Data are rounded to the nearest five person-years.

Table 15.15 Persons Engaged in Intramural Research and Development by Industry Group, Ontario Compared to Canada, 1983

	Ontario	% of Canada
	person-years	
Mines & Wells	205	17.5
Chemical Based	3,765	62.6
Wood Based	340	27.9
Metals	1,190	64.2
Machinery & Transportation Equipment	4,630	61.1
Electrical	7,810	74.8
Other Manufacturing	430	84.3
Services	3,750	56.7
Total	22,120	62.5

Source: Statistics Canada, *Industrial Research and Development Statistics*, (88-202).

Notes: 1. See Table 15.13, note 1.
2. See Table 15.14, note 2.

Chapter 16
Agriculture

Agriculture

Although Ontario's agriculture industry accounts for only slightly less than 2% of gross domestic product, cash receipts of close to five billion dollars in 1983 make it the nation's largest agricultural producer. For some communities, particularly in Central and Southwestern Ontario, agriculture is the primary activity. The industry is highly diversified and employs over 100,000 people.

Governments play an important role in the development of the agriculture and food sector. The Ontario Ministry of Agriculture and Food is involved in domestic and foreign marketing, setting of quality standards, foodland preservation and improvements, education and research, farm financial assistance, advisory and technical services and encouragement of private sector investment in the food processing industry. The Provincial Government functions in close co-operation with Agriculture Canada whose main responsibilities cover three broad areas: research, promotional and regulatory services and assistance programs. Both levels of government are therefore involved in specific activities such as crop insurance, marketing boards, operation of experimental farms, pricing and quality inspections as well as credit facilitation, manpower and land use planning and dissemination of information.

The agriculture industry consists of farms primarily engaged in production of livestock, field crops, fruit and vegetables, and other specialities and services incidental to agriculture such as horticulture, orchard spraying and animal husbandry. The statistics in this chapter cover gross domestic product, land area, numbers of farms and livestock, farm income, other financial information, and production and farm value of various crops and other agricultural products. Information on farm input prices is shown in Chapter 12, Prices. Imports and exports of agricultural products are covered in Chapter 13, Trade, while data on the food processing industry can be found in Chapter 20, Manufacturing. Some information on wholesale trade related to agriculture is contained in Chapter 23, Retail and Wholesale Trade.

Sources of Data

The main sources of data are:

- Census of Agriculture;
- information developed and compiled by the Agriculture and Natural Resources Division of Statistics Canada and the Economics and Policy Coordination Branch of the Ontario Ministry of Agriculture and Food;
- Bankruptcy Records;
- Farm Tax Reduction Program.

The Census of Agriculture has been taken every five years since 1951 and every ten years between 1871 and 1951. The 1981 and 1986 Censuses of Agriculture were carried out in conjunction with the Census of Population and Housing. Operators of farms were identified and asked to complete the agriculture questionnaire, providing data on age and residence of operators, type of organization, tenure of land, farm areas, use of land, crops, livestock and poultry, forest products, capital values, machinery and equipment, labour and expenditures. The census covers all farms in Canada with data adjusted for undercoverage and non-response. Results from the 1986 Census of Agriculture are expected to be available in mid-1987.

The Census of Agriculture forms the basis for much of the available agricultural data. Estimates produced between census years are revised following the release of new census material. In addition to the series of census publications, data can be accessed through CANSIM, on computer tape and microfiche and by special requests to the Agriculture and Natural Resources Division of Statistics Canada, telephone Ottawa, 990-8711.

Other data produced by the Agriculture and Natural Resources Division and the Ontario Ministry of Agriculture and Food are derived from a variety of sources including administrative records of government, marketing boards, aggregated information of private companies, and various surveys of farms, as well as from the Census of Agriculture.

Financial statistics for farms are released by Statistics Canada twice a year in May (preliminary) and December (final). Net farm income statements show farm business income from the sale of agricultural products less operating expenses and depreciation charges. They are not indicative of cash flows in the farm sector. Income from sales of farm capital are considered investment income. Expenses incurred for the acquisition of farm capital are amortized over a number of years. Further detail is available in the annual publication *Farm Net Income, (21-202)*. Statistics Canada also co-ordinates two forecasts of farm net income. One is released at the Canadian Agricultural Outlook Conference in December and the other in July when early crop reports are available.

Data on numbers of animals, consumption, trade, slaughtering and average prices are published annually in *Livestock and Animal Products Statistics, (23-203)*, *Handbook of Agricultural Statistics, Part VI, (21-514)*, and a quarterly bulletin entitled *Report on Livestock Surveys, (23-008)*.

Estimates of egg production, egg prices and poultry disposition are published monthly and annually in *Production and Stocks of Eggs and Poultry, (23-003)*, and *Production of Poultry and Eggs, (23-202)*. The estimates are derived using the quarterly Egg Producers Survey, administrative data, seasonal trends, past relationships and Agriculture Canada data.

Data on milk and other dairy products are published in *The Dairy Review, (23-001)*. Production and cash receipts for milk sold off farms are reported by provincial milk marketing boards, while other data are obtained from questionnaires submitted by operating dairy plants.

Seasonal and annual data on areas, production, farm value and average yields of field crops are published in the seasonal *Field Crop Reporting Series, (22-002)*, and historically in the *Handbook of Agriculture Statistics, Part I, (21-516)*. Farm value data are measured at the "farm gate" and are defined as returns to growers.

Data on fruit and vegetables are provided on a seasonal basis in *Fruit and Vegetable Production, (22-003)*.

The greenhouse industry is surveyed regarding greenhouse areas, fuel costs, labour, sales of vegetables, flowers and plants and, more recently, energy use and conservation. The value of sales represents prices paid to growers. The results of the survey are published in the annual *Greenhouse Industry, (22-202)*.

Many of the Statistics Canada series are available on CANSIM. Statistics on a number of areas not covered in depth in this chapter, such as nursery trades, maple products, honey, wool and tobacco, are available from a variety of Statistics Canada publications. For further information, contact the Agriculture and Natural Resources Division, telephone Ottawa, 990-8722.

The Office of the Superintendent of Bankruptcy, Consumer and Corporate Affairs Canada, telephone Ottawa, 997-1059, maintains records of farm bankruptcies starting from 1979, classified by type of farm.

The Ontario Farm Tax Reduction Program offers property taxation relief for owners of productive farm land. Numbers of eligible properties are not equal to census farms. Further information can be obtained from the Subsidies Branch of the Ontario Ministry of Municipal Affairs, telephone Toronto, 585-6136.

The Ontario Ministry of Agriculture and Food, Economics and Policy Coordination Branch, telephone Toronto, 965-1064, maintains a great deal of statistical information and acts as a focal point for all Ontario agricultural data. The Ministry works in co-operation with the Agriculture and Natural Resources Division of Statistics Canada in maintaining required provincial statistics and is able to provide county data for numerous series. Of particular interest are *Agricultural Statistics for Ontario*, an annual publication, and *Monthly Crop and Livestock Report*.

Further information on particular topics or products may also be obtained from various marketing boards and agricultural associations.

Agriculture

Charts:

16.1 Farms, Ontario and Other Regions of Canada, 1951 and 1984
16.2 Current Value of Livestock and Capital, Ontario, Selected Years, 1951 to 1981
16.3 Farm Net Income and Cash Receipts, Ontario, 1972 to 1983
16.4 Farm Bankruptcies, Ontario and Other Regions of Canada, 1980 to 1984

Tables:

16.1 Gross Domestic Product, Agriculture, Ontario, 1971 to 1983
16.2 Farms, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984
16.3 Agricultural Land Areas by Tenure, Ontario, Census Years, 1941 to 1981
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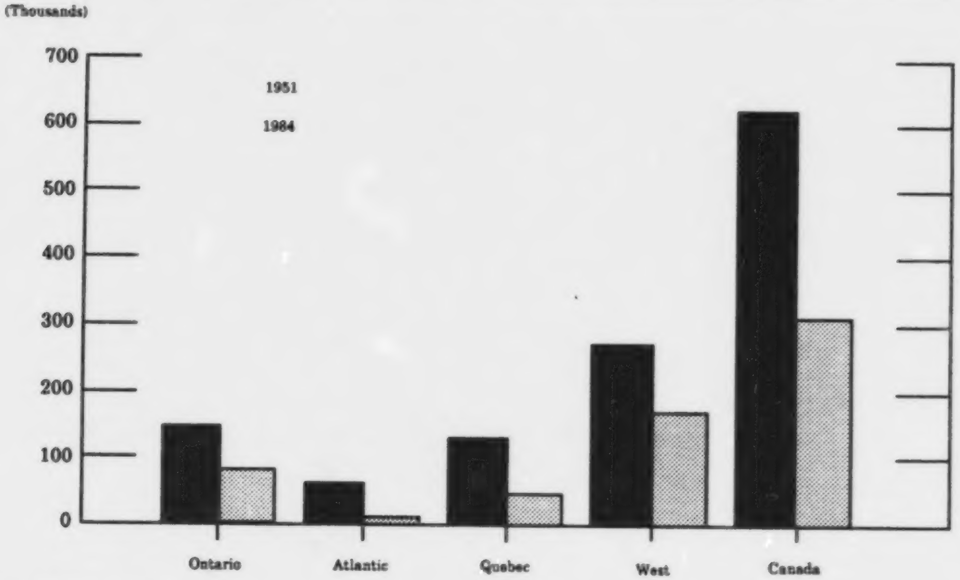
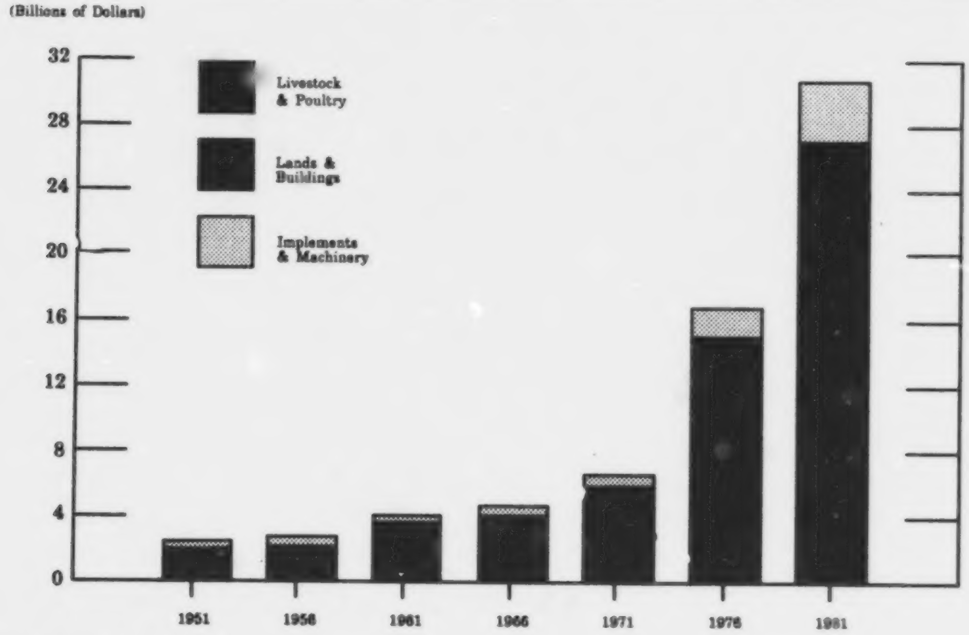
16.17 Farm Tax Reduction Program Rebates, Ontario, 1970 to 1984

Chart 16.1 Farms, Ontario and Other Regions of Canada, 1951 and 1984



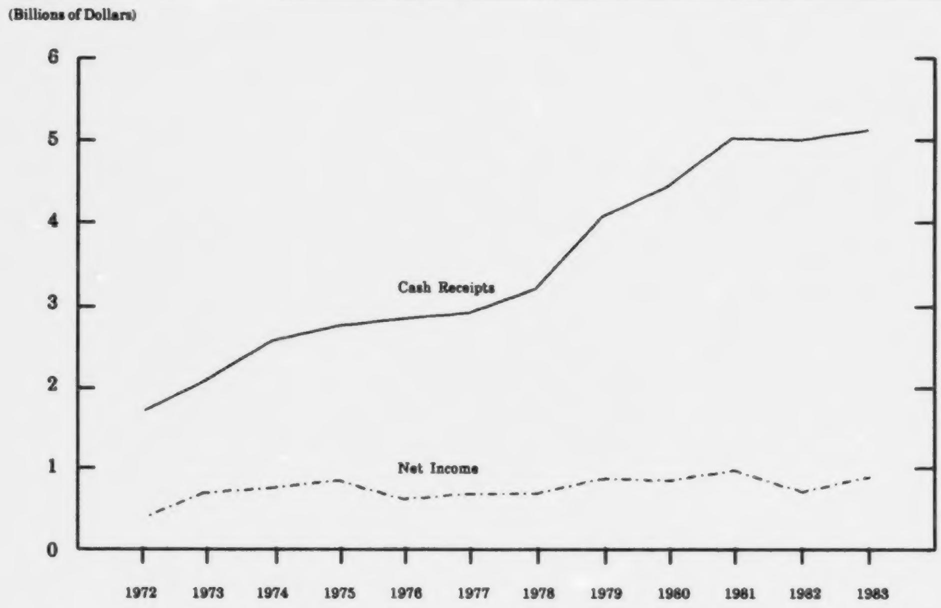
Refer to Table 16.2

Chart 16.2 Current Value of Livestock and Capital, Ontario, Selected Years, 1951 to 1981



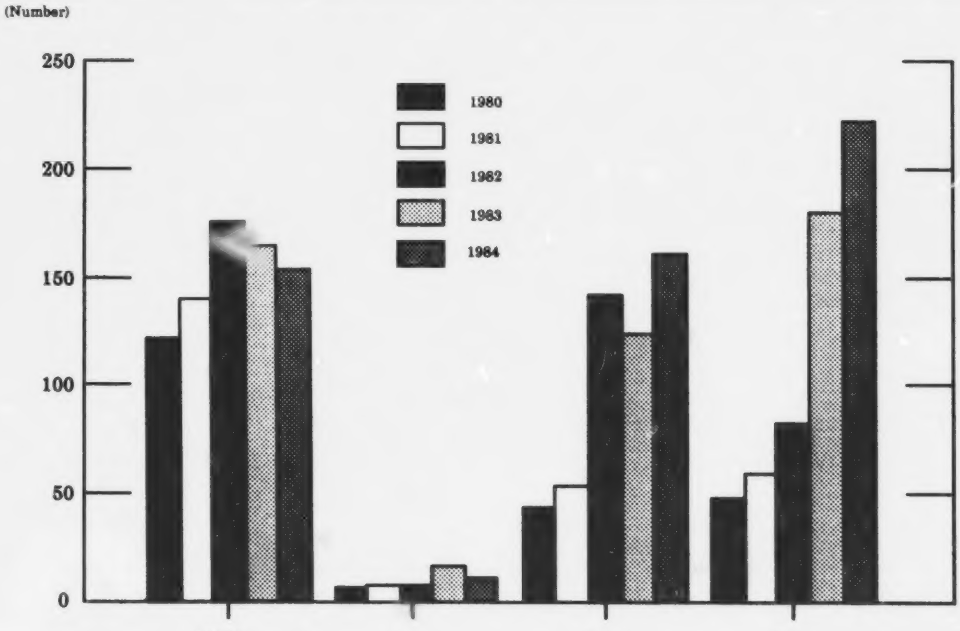
Refer to Table 16.4

Chart 16.3 Farm Net Income and Cash Receipts, Ontario, 1972 to 1983



Refer to Tables 16.5 and 16.6

Chart 16.4 Farm Bankruptcies, Ontario and Other Regions of Canada, 1980 to 1984



Refer to Table 16.16

Table 16.1 Gross Domestic Product, Agriculture, Ontario, 1971 to 1983

Year	Value	% of Total G.D.P.
	$ millions	
1983	2,530.2	1.9
1982	2,325.5	1.9
1981^{r}	2,620.4	2.3
1980^{r}	2,272.8	2.2
1979	2,135.5	2.4
1978	1,731.9	2.2
1977	1,601.1	2.2
1976	1,445.0	2.2
1975	1,549.9	2.6
1974	1,358.3	2.6
1973	1,194.5	2.7
1972	825.3	2.1
1971	694.2	2.0

Sources: CANSIM.
Statistics Canada, *Provincial Gross Domestic Product by Industry, (61-202).*
Provincial Economic Accounts, (13-213).

Note: The percentages are calculated using total Gross Domestic Product at factor cost.

Table 16.2 Farms, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1984	81.7	12.7	47.4	171.7	313.5	26.1
1983	82.0	12.8	47.4	173.3	315.5	26.0
1982	82.0	12.8	47.9	174.1	316.8	25.9
1981	82.4	12.9	48.1	174.8	318.4	25.9
1980	85.8	12.6	51.5	177.8	327.7	26.2
1979	85.8	12.5	51.5	179.5	329.3	26.1
1976	88.8	14.5	51.6	183.6	338.6	26.2
1971	94.7	17.1	61.3	193.1	366.1	25.9
1961	121.3	33.4	95.8	230.4	480.9	25.2
1951	149.9	63.7	134.3	275.1	623.1	24.1

Sources: Statistics Canada, *Census of Agriculture and Farm Enumerative Surveys.*
Ontario Ministry of Agriculture and Food, *Agricultural Statistics for Ontario.*

Note: Newfoundland estimates are not available for 1979 and 1980 as the survey method used in that province was not suited to farm number estimation.

Table 16.3 Agricultural Land Areas by Tenure, Ontario, Census Years, 1941 to 1981

Year	Owner	Tenant	Part Owner Part Tenant	Total Owned	Total Rented	Area in Census Farms	% of Total Land in Census Farms
				'000's hectares			
1981	2,951.2	257.2	2,830.8	4,594.0	1,445.3	6,039.2	6.6
1976	3,292.2	304.6	2,664.9	4,840.8	1,420.9	6,261.7	6.8
1971	3,937.0	271.2	2,251.8	5,300.1	1,159.9	6,460.0	7.0
1966	5,023.1	220.5	1,970.3	6,275.7	938.2	7,213.9	8.1
1961	5,554.8	270.4	1,693.3	6,637.2	881.3	7,518.5	8.4
1956	6,424.6	303.6	1,316.8	7,277.3	767.7	8,045.0	9.3
1951	6,691.0	407.4	1,351.5	7,540.4	909.5	8,449.9	9.8
1941	7,036.5	907.1	1,116.5	7,698.7	1,361.4	9,060.1	10.5

Source: Statistics Canada, *Census of Agriculture.*

Notes: 1. Prior to and including 1956, a census farm was defined as an agricultural holding having either (a) three acres or more in size, or (b) from one to three acres in size and with sales of agricultural products during the previous year of $250 or more. For all other years, a census farm is defined as an agricultural holding of one acre or more, with sales of $50 or more during the previous year.

2. The total area owned includes area operated by manager.

Table 16.4 Current Value of Livestock and Capital, Ontario Compared to Canada, Selected Years, 1951 to 1983

	Livestock & Poultry		Lands & Buildings		Implements & Machinery	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1983	2,249.6	24.9	23,057.3	23.2	3,752.0	19.8
1982	2,444.7	25.6	24,792.8	23.8	3,653.3	19.8
1981	2,524.9	26.1	25,298.8	24.5	3,462.1	19.8
1980	2,413.1	25.3	22,977.5	25.0	3,103.8	20.0
1979	2,298.4	26.0	19,708.3	26.9	2,683.7	20.1
1978	1,563.7	25.6	17,362.4	29.3	2,330.1	20.3
1977	1,231.9	27.6	15,293.7	30.6	2,097.9	20.8
1976	1,200.8	27.0	13,822.3	31.7	1,940.2	21.5
1975	1,108.3	26.9	11,662.4	31.8	1,672.1	22.2
1974	1,263.3	24.8	9,131.0	31.5	1,315.6	23.1
1973	1,219.4	24.8	6,934.1	31.2	1,066.5	23.6
1972	970.4	25.9	5,589.8	30.5	961.4	23.3
1971	794.7	25.9	5,183.4	30.6	890.0	22.8
1966	678.4	28.7	3,451.1	26.2	758.4	21.4
1961	593.7	29.8	3,126.0	36.3	579.3	22.6
1956	430.1	30.2	1,893.2	27.6	526.4	23.3
1951	682.2	34.0	1,419.4	25.7	445.3	23.0

Sources: CANSIM.
Statistics Canada, *Farm Net Income, (21-202).*

Notes: 1. Canadian figures used to calculate percentages exclude Newfoundland until 1976. After 1976, Newfoundland is included in land and buildings, and implements and machines.

2. Livestock & Poultry includes value of animals on fur farms.

Table 16.5 Farm Net Income, Ontario, Selected Years, 1956 to 1983

Year	Cash Receipts From Farm Products	Income in Kind	Supplementary Payments	Realized Gross Income
		$ millions		
1983	5,056.9	67.2	–	5,124.1
1982ʳ	4,915.7	76.0	20.3	5,012.0
1981ʳ	4,914.6	70.6	50.1	5,035.4
1980	4,405.2	72.3	–	4,477.5
1979	4,032.5	72.2	–	4,104.7
1978	3,417.0	57.9	–	3,474.9
1977	2,865.7	45.4	–	2,911.2
1976	2,791.9	43.6	–	2,835.5
1975	2,696.3	43.6	–	2,739.9
1974	2,517.7	42.8	––	2,560.4
1973	2,059.4	43.6	0.3	2,103.2
1972	1,653.5	31.0	2.2	1,686.7
1971	1,417.9	29.3	–	1,447.2
1966	1,256.4	32.3	9.6	1,298.2
1961	872.5	31.0	–	903.5
1956	718.7	35.7	–	754.4

Table 16.5 (cont'd.)

Year	Operating & Depreciation Charges	Realized Net Income	Value of Inventory Change	Total Gross Income	Total Net Income
			$ millions		
1983	4,162.3	961.8	−116.1	5,008.0	845.7
1982ʳ	4,218.3	793.7	−137.7	4,874.3	656.0
1981ʳ	4,161.0	874.4	19.3	5,054.6	893.6
1980	3,799.3	678.1	121.9	4,599.4	800.1
1979	3,341.7	763.0	68.0	4,172.7	831.0
1978	2,784.8	690.0	−29.9	3,445.0	660.1
1977	2,321.9	589.3	80.2	2,991.4	669.5
1976	2,162.5	673.0	−84.2	2,751.3	588.8
1975	2,004.3	735.6	94.2	2,834.1	829.8
1974	1,760.0	800.5	−36.4	2,524.1	764.1
1973	1,494.9	608.3	89.8	2,193.1	698.1
1972	1,265.4	421.3	−48.5	1,638.2	372.9
1971	1,149.3	297.9	2.7	1,450.0	300.7
1966	903.8	394.5	40.2	1,338.5	434.7
1961	658.3	245.2	27.8	931.3	273.0
1956	537.7	216.7	22.2	776.6	238.9

Sources: CANSIM.
Statistics Canada, *Farm Net Income, (21-202)*.

Notes:
1. Realized Gross Income is sum of Cash Receipts From Farm Products, Income in Kind and Supplementary Payments.
2. Supplementary Payments refers to government assistance to farmers who suffered losses as a result of adverse weather conditions.
3. Total Gross Income is the sum of Realized Gross Income and Value of Inventory Change.
4. Realized Net Income is Realized Gross Income less Operating & Depreciation Charges.
5. Total Net Income is Total Gross Income less Operating & Depreciation Charges.

Table 16.6 Farm Cash Receipts from Farming Operations, Ontario, Selected Years, 1956 to 1983

Year	Crops	Livestock	Forest & Maple Products	Provincial Income Stabilization Program	Dairy Supplement Payments	Deficiency Payments	Supple-mentary Payments	Total Cash Receipts
					$ millions			
1983	1,832.3	3,099.9	16.5	1.4	87.5	19.4	–	5,056.9
1982ʳ	1,634.3	3,163.4	15.8	5.1	87.3	9.8	20.3	4,936.0
1981ʳ	1,756.8	3,006.2	15.0	6.5	90.2	39.9	50.1	4,964.8
1980	1,490.3	2,798.4	13.7	6.8	80.4	15.6	–	4,405.2
1979	1,305.7	2,587.9	15.5	5.5	78.2	39.6	–	4,032.5
1978	1,133.8	2,181.0	13.0	–	81.2	8.0	–	3,417.0
1977	950.7	1,788.2	10.2	12.6	86.6	17.4	–	2,865.7
1976	998.6	1,670.8	9.9	22.7	83.4	6.5	–	2,791.9
1975	895.5	1,681.7	8.3	24.1	84.1	2.6	–	2,696.3
1974	882.5	1,551.3	8.1	. .	66.4	9.4	--	2,517.7
1973	643.9	1,366.4	7.4	. .	39.8	1.8	0.3	2,059.7
1972	507.2	1,094.5	6.1	. .	33.4	12.3	2.2	1,655.7
1971	458.7	920.7	5.2	. .	33.1	0.1	–	1,417.9
1966	342.3	884.6	4.7	. .	22.5	2.3	9.6	1,266.0
1961	257.1	608.7	6.5	. .	. .	0.3	. .	872.5
1956	175.7	536.3	6.7	. .	. .	. .	. .	718.7

Sources: CANSIM.
Statistics Canada, *Farm Net Income*, (21-202).

Notes: 1. Deficiency payments are made under the authority of the Agricultural Stabilization Act.
2. For definition of Supplementary Payments, see notes, Table 16.5.

Table 16.7 Farm Operating Expenses and Depreciation Charges, Ontario, Selected Years, 1956 to 1983

Year	Property Taxes	Gross Farm Rent	Wages to Farm Labour	Interest on Indebtedness	Machinery	Fertilizer & Limestone	Other Crop Expenses
				$ millions			
1983	51.1	122.7	421.0	499.8	432.4	239.8	281.6
1982ʳ	47.9	124.1	393.1	597.6	428.8	260.9	280.6
1981ʳ	43.8	120.4	393.1	689.6	390.4	261.0	274.3
1980	38.0	114.7	367.9	469.7	332.5	256.5	253.9
1979	36.6	98.8	352.3	374.4	291.7	222.7	247.3
1978	35.1	87.3	313.4	253.8	238.6	191.4	186.7
1977	32.2	68.5	291.7	201.4	223.8	152.3	156.4
1976	29.9	62.1	252.5	183.5	212.1	147.7	146.5
1975	25.5	57.7	233.6	147.9	194.3	160.0	143.1
1974	21.7	46.7	191.8	131.6	182.5	107.7	128.6
1973	20.8	36.9	191.2	93.4	164.0	76.5	93.5
1972	29.3	32.3	140.2	99.7	151.0	64.3	79.8
1971	26.2	30.9	136.5	74.8	145.4	62.9	69.7
1966	30.2	27.1	101.3	48.6	107.5	57.7	52.4
1961	25.0	19.9	98.9	23.9	89.2	35.4	27.9
1956	21.3	12.9	76.1	15.4	77.6	27.5	21.5

Table 16.7 (cont'd.)

Year	Feed	Other Livestock Expenses	Repairs to Buildings	Electricity, Telephone	Miscellaneous	Total Operating Expenses	Depreciation	Total
				$ millions				
1983	681.5	307.6	78.4	95.3	312.9	3,524.3	638.0	4,162.3
1982^{r}	638.1	333.8	72.5	91.1	304.3	3,572.9	645.4	4,218.3
1981^{r}	666.1	262.0	66.8	83.5	278.6	3,529.5	631.6	4,161.0
1980	594.0	389.9	68.0	85.0	244.1	3,214.2	585.1	3,799.3
1979	523.6	333.6	65.2	75.3	215.5	2,837.3	504.4	3,341.7
1978	444.1	276.3	60.5	68.1	190.2	2,345.6	439.2	2,784.8
1977	384.2	134.9	49.4	55.6	179.8	1,930.0	391.8	2,321.9
1976	373.6	136.5	46.4	44.8	167.5	1,803.1	359.4	2,162.5
1975	365.7	135.4	42.7	38.0	153.5	1,697.5	306.8	2,004.3
1974	359.4	140.8	41.0	33.3	135.5	1,520.5	239.5	1,760.0
1973	324.5	123.5	35.1	29.3	117.5	1,306.1	188.8	1,494.9
1972	241.4	100.9	32.9	25.3	104.7	1,101.9	163.5	1,265.4
1971	234.4	65.9	29.7	23.3	98.3	998.1	151.2	1,149.3
1966	205.3	61.8	26.1	15.1	63.6	796.8	107.0	903.8
1961	150.4	36.8	15.0	11.3	47.5	581.2	77.1	658.3
1956	140.6	28.6	12.8	9.4	34.3	478.1	59.6	537.7

Sources: CANSIM.
Statistics Canada, *Farm Net Income*, (21-202).

Table 16.8 Production and Farm Value of Principal Field Crops, Ontario, Selected Years, 1921 to 1985

	Production					
Year	Spring Wheat	Winter Wheat	Oats	Barley	All Rye	Mixed Grains
			'000's tonnes			
1985	41.6	953.9	331.7	754.8	76.2	790.4
1984	30.5	797.2	277.4	615.0	80.8	778.3
1983^{r}	27.5	776.3	234.4	525.6	77.7	613.0
1982	23.9	352.8	346.5	749.6	84.3	858.9
1981	24.0	708.9	269.6	583.5	84.4	884.9
1980	23.4	711.5	345.8	511.4	75.2	917.3
1979	24.5	688.0	347.2	409.5	56.2	891.6
1978	18.5	373.9	358.6	418.6	34.3	848.0
1977	18.5	843.0	330.5	337.0	32.3	800.5
1976	16.5	667.9	345.9	343.1	45.6	725.2
1975	16.2	609.8	437.1	393.3	59.6	836.5
1974	10.6	519.0	409.5	335.5	44.2	790.6
1973	11.4	403.1	434.9	375.7	39.1	895.4
1972	12.6	432.1	499.4	399.3	42.2	933.3
1971	11.8	382.9	577.2	453.4	32.9	1,025.4
1966	17.1	413.7	913.7	244.6	33.3	742.0
1961	12.7	543.8	386.1	72.8	39.1	690.1
1956	9.7	544.3	935.3	80.8	47.4	803.6
1951	25.9	535.7	1,267.7	159.7	38.3	941.4
1941	19.9	413.4	1,019.9	222.4	34.0	694.3
1931	55.5	413.8	1,210.9	293.8	25.4	629.3
1921	51.9	372.5	1,119.3	221.0	45.1	293.7

Table 16.8 (cont'd.)

Year	Farm Value					
	Spring Wheat	Winter Wheat	Oats	Barley	All Rye	Mixed Grains
			$ '000's			
1985	5,740	114,500	36,600	76,300	7,500	78,400
1984	4,590	123,000	38,800	83,900	8,270	110,500
1983[r]	3,940	113,700	33,600	73,700	7,650	88,500
1982	3,040	46,000	40,400	80,600	7,470	94,200
1981	3,431	115,658	35,665	71,829	11,564	110,708
1980	3,655	116,855	48,651	69,530	12,018	125,894
1979	3,060	101,622	38,050	43,639	7,208	96,806
1978	1,904	55,085	34,179	35,949	3,092	77,587
1977	1,632	97,255	27,214	25,539	2,339	64,418
1976	1,634	76,326	31,846	30,415	3,857	69,152
1975	2,082	81,554	43,077	37,569	4,573	89,438
1974	1,279	82,946	45,940	37,757	4,144	89,767
1973	1,789	63,103	42,864	37,443	3,296	89,324
1972	795	27,310	29,146	22,556	1,827	51,442
1971	743	24,200	28,817	21,033	1,244	48,036
1966	1,135	27,512	49,172	13,708	1,558	38,853
1961	671	28,773	72,802	3,509	1,679	33,090
1956	550	28,800	47,305	3,936	2,201	37,205
1951	1,963	40,549	73,161	9,533	2,515	51,888
1941	717	14,885	31,743	6,028	910	20,280
1931	1,061	7,907	19,630	4,992	419	12,487
1921	2,014	14,362	33,774	6,390	1,571	9,373

Table 16.8 (cont'd.)

Year	Production				
	Grain Corn	Fodder Corn	Dry Beans	Soybeans	Tame Hay
			'000's tonnes		
1985	5,722.9	6,076.0	58.5	1,063.3	7,140.0
1984	5,390.7	6,537.0	45.1	944.4	7,115.0
1983[r]	4,696.0	6,202.0	38.5	721.6	6,715.0
1982	5,194.8	7,026.0	67.9	848.3	6,925.0
1981	5,235.7	7,771.9	64.6	606.8	7,044.3
1980	4,709.7	8,373.3	70.3	689.8	7,293.8
1979	4,366.5	9,080.9	61.6	657.3	7,112.3
1978	3,840.7	9,022.0	76.5	515.6	6,451.0
1977	3,867.2	10,078.8	50.2	580.0	6,742.2
1976	3,427.3	10,125.1	90.0	250.4	6,550.8
1975	3,318.2	11,049.5	89.8	366.8	6,139.8
1974	2,382.6	9,162.6	101.1	300.7	5,800.5
1973	2,643.2	8,491.3	78.0	396.5	6,510.0
1972	2,355.2	7,901.6	87.5	374.8	6,374.8
1971	2,598.6	7,836.6	78.7	279.8	5,952.9
1966	1,653.1	4,859.8	79.3	245.3	7,163.1
1961	738.8	2,990.1	35.7	180.5	6,965.4
1956	702.0	2,406.8	30.5	143.4	5,820.5
1951	400.1	2,558.3	33.0	104.6	6,674.2
1941	294.6	2,676.2	43.0	5.9	4,988.6
1931	133.8	2,099.2	31.4	. .	5,741.6
1921	344.0	4,549.5	11.6	. .	4,001.6

Table 16.8 (cont'd.)

Year	Farm Value Grain Corn	Fodder Corn	Dry Beans	Soybeans	Tame Hay
			$ '000's		
1985	619,600	148,700	17,600	242,200	393,500
1984	723,000	156,400	23,500	262,100	393,300
1983r	745,000	146,200	24,100	247,300	373,100
1982	580,800	134,600	17,900	212,000	359,600
1981	601,870	155,405	43,748	157,194	359,287
1980	715,686	170,847	44,175	215,939	364,694
1979	519,138	179,880	28,675	171,948	326,144
1978	421,848	153,153	24,546	144,732	317,151
1977	328,847	163,095	16,605	139,367	313,705
1976	296,837	158,375	31,843	64,860	290,068
1975	329,193	170,398	30,789	66,312	336,573
1974	284,214	123,423	29,914	70,057	288,369
1973	273,678	93,600	46,474	83,340	157,872
1972	151,134	63,322	17,650	53,703	149,675
1971	117,648	56,320	18,265	30,432	111,554
1966	95,669	34,928	11,943	27,036	153,972
1961	35,193	16,941	5,109	14,920	103,039
1956	33,163	11,010	4,271	11,328	97,844
1951	28,350	12,690	5,062	10,571	110,355
1941	8,581	9,588	2,609	. .	63,028
1931	2,106	9,256	668	. .	53,945
1921	10,750	132,958	1,006	. .	93,155

Sources: CANSIM.
Statistics Canada, *Handbook of Agricultural Statistics, (21-516).*
Ministry of Agriculture and Food, *Monthly Crop and Livestock Report.*

Notes: 1. The crop year refers to August 1 to July 31.
2. In 1985, total farm value for Dry Beans and Winter Wheat is initial payment only.
3. Farm Value data are those obtained at the farm gate and are concerned with returns to growers.

Table 16.9 Production and Farm Value of Vegetables, Ontario, Selected Years, 1961 to 1984

Year	Production Cabbage	Carrots	Cauliflower	Cucumbers	Onions	Peas
			'000's tonnes			
1984	77.6	143.2	34.7	39.6	95.8	27.5
1983r	66.2	128.2	32.9	35.8	76.6	14.6
1982	68.8	138.1	29.5	43.4	79.3	32.1
1981	71.8	111.7	26.4	42.1	88.3	29.5
1980	56.4	58.8	31.6	40.0	64.9	31.0
1979	56.7	118.1	30.8	45.4	68.7	32.3
1978	70.5	103.8	22.5	47.5	87.8	29.4
1977	60.7	63.3	14.5	44.5	63.5	30.3
1976	49.8	68.7	14.6	41.4	57.3	28.7
1975	47.6	104.4	13.2	47.2	55.9	35.9
1974	40.0	93.0	11.1	40.7	67.2	36.3
1973	42.8	82.0	10.5	42.6	61.5	31.2
1972	38.8	71.0	9.7	33.0	48.5	24.1
1971	38.0	53.6	9.1	40.5	50.0	22.8
1966	32.9	65.3	8.1	31.5	49.5	16.7
1961	32.8	54.9	7.3	19.1	43.4	24.0

Table 16.9 (cont'd.)

Year	Farm Value					
	Cabbage	Carrots	Cauliflower	Cucumbers	Onions	Peas
	$ '000's					
1984	9,404	9,918	11,724	9,257	10,831	8,798
1983^{r}	14,366	23,084	12,902	7,945	19,229	4,693
1982	8,229	10,383	9,023	9,990	9,645	11,156
1981	9,762	12,635	8,235	8,578	17,074	9,663
1980	8,676	7,955	9,682	7,768	14,519	9,087
1979	6,135	8,418	8,019	9,174	8,435	8,559
1978	8,042	11,686	5,956	8,823	10,219	7,294
1977	5,503	6,525	3,676	8,616	5,621	7,512
1976	4,304	5,896	3,853	8,124	9,503	7,016
1975	4,433	4,525	3,681	8,364	9,591	8,826
1974	3,293	7,267	2,430	6,120	7,981	7,588
1973	3,661	3,747	1,910	4,117	6,510	3,860
1972	2,908	3,859	1,849	3,338	8,811	2,771
1971	2,212	2,925	1,537	4,069	3,128	2,720
1966	1,741	2,008	1,131	3,137	4,227	2,100
1961	1,146	2,186	761	1,307	3,490	2,653

Sources: CANSIM.
Statistics Canada, *Fruit and Vegetable Production, (22-003).*

Note: See Table 16.8, note 3.

Table 16.10 Production and Farm Value of Fruit, Ontario, Selected Years, 1961 to 1984

Year	Production							
	Apples	Peaches	Pears	Cherries	Grapes	Plums, Prunes	Raspberries	Strawberries
	'000's tonnes							
1984	144.1	20.6	12.3	9.3	81.7	3.0	0.5	7.0
1983^{r}	165.2	27.1	12.9	7.6	71.0	2.7	0.5	8.0
1982	159.0	23.5	12.1	7.9	58.7	3.9	0.5	9.4
1981	115.6	16.0	12.9	3.0	62.4	2.0	0.4	10.5
1980	171.3	29.4	18.9	11.6	62.3	4.3	0.5	10.6
1979	140.4	24.3	16.4	9.6	63.8	3.9	0.4	9.9
1978	142.7	28.6	14.9	6.3	67.6	2.6	0.3	9.9
1977	127.9	29.2	16.3	7.8	53.1	3.9	0.4	8.0
1976	116.0	34.9	6.2	4.3	69.2	2.4	0.3	6.7
1975	130.2	44.5	18.2	9.9	65.3	5.3	0.3	6.0
1974	124.5	38.1	15.0	8.9	61.4	3.0	0.4	5.0
1973	92.0	32.2	8.9	7.0	54.0	3.5	0.4	5.0
1972	125.3	28.7	21.2	11.0	47.3	5.2	0.5	5.2
1971	128.8	45.9	23.0	13.9	70.9	5.2	0.7	6.4
1966	116.8	36.3	21.6	10.8	52.4	6.1	0.6	4.4
1961	112.5	57.7	18.5	14.8	37.0	7.7	1.7	4.5

Table 16.10 (cont'd.)

Year	Farm Value							
	Apples	Peaches	Pears	Cherries	Grapes	Plums, Prunes	Raspberries	Strawberries
	$ '000's							
1984	37,024	13,106	5,687	7,358	34,315	2,176	1,822	11,035
1983r	37,070	14,076	4,967	7,983	32,914	1,460	1,862	9,473
1982	36,232	15,516	4,770	4,644	24,628	2,771	1,753	10,769
1981	36,119	9,847	4,960	3,653	23,585	1,135	1,301	9,984
1980	30,135	13,021	6,394	6,880	21,506	2,420	1,168	10,634
1979	33,516	11,280	5,487	9,569	19,720	1,987	885	9,031
1978	33,909	12,163	4,846	5,669	18,368	1,594	707	8,654
1977	27,442	9,690	3,772	4,745	13,080	1,274	695	7,196
1976	24,873	11,725	1,648	2,687	16,642	950	600	5,762
1975	15,931	11,065	3,843	3,806	16,727	1,537	534	4,986
1974	20,802	10,820	3,347	4,508	15,180	999	552	3,737
1973	21,492	8,198	1,565	3,256	11,452	1,146	537	3,334
1972	12,340	7,593	3,248	3,263	8,928	1,178	466	2,985
1971	8,953	8,940	3,061	4,093	12,465	958	568	3,067
1966	9,263	6,179	2,383	3,440	5,933	805	533	2,169
1961	6,304	5,565	1,495	3,223	4,060	664	1,027	1,750

Sources: CANSIM.
Statistics Canada, *Fruit and Vegetable Production*, (22-003).

Note: See Table 16.8, note 3.

Table 16.11 Livestock on Farms, Ontario, Selected Years, 1871 to 1985

Year	Cattle	Hogs	Sheep
		'000's	
1985^{p}	2,595	3,500	172
1984	2,571	3,490	242
1983^{r}	2,726	3,515	245
1982^{r}	2,762	3,320	252
1981	2,838	3,200	248
1980	2,885	3,284	240
1979	2,880	3,165	219
1978	2,835	2,510	184
1977	3,060	2,056	155
1976	3,130	1,950	136
1975	3,233	1,789	168
1974	3,260	1,930	195
1973	3,136	2,052	200
1972	3,102	2,157	209
1971	3,082	2,231	216
1966	3,137	1,936	265
1961	3,116	1,686	341
1956	2,902	1,548	394
1951	2,466	1,756	360
1941	2,640	1,882	662
1931	2,514	1,359	1,045
1921	2,634	1,386	979
1911	2,502	1,887	742
1901	2,488	1,563	1,047
1891	1,941	1,121	1,022
1881	1,702	701	1,359
1871	1,403	875	1,515

Sources: Statistics Canada, *Handbook of Agricultural Statistics, Part VI, (21-514).*
Livestock and Animal Products Statistics, (23-203).

Note: From 1871 to 1974 the figures are as of June 1; from 1975 to the current year the figures are as of July 1; 1985 figures are as of January 1.

Table 16.12 Value of Ornamental Flower and Plant Sales, Ontario, 1975 to 1984

Year	Sales to Retail Florists	Sales to Domestic Wholesalers	Sales to Mass-Market Chain Stores	Sales to Other Greenhouses	Exported Sales	Direct Sales to Public	Total
				$ '000's			
1984	39,741	66,744	13,658	7,718	7,796	30,418	166,076
1983	33,650	50,795	10,284	8,303	4,990	27,445	135,468
1982^{r}	29,365	44,031	10,710	7,389	5,214	26,493	123,202
1981	28,929	42,514	8,624	7,668	3,919	28,349	120,003
1980	29,699	34,098	7,474	7,407	2,167	27,181	108,026
1979	26,374	29,682	7,078	6,168	2,361	24,914	96,577
1978	23,457	24,831	5,766	6,047	1,479	25,827	90,348
1977	21,485	21,466	4,996	6,455	953	25,805	83,787
1976	22,896	24,448	. .	5,891	880	21,881	77,643
1975	25,775	17,252	. .	6,362	759	19,360	69,686

Source: Statistics Canada, *Greenhouse Industry, (22-202).*

Notes: 1. Direct Sales to Public includes roadside stands and owner-owned retail outlets.
2. The totals for the following years include figures for unspecified amounts as follows: 1978 – $2,940,281, 1977 – $2,627,779, 1976 – $1,647,117, 1975 – $178,389.
3. In 1975 and 1976 the value of Sales to Mass-Market Chain Stores is included in Sales to Domestic Wholesalers.

Table 16.13 Production and Disposition of Eggs, Ontario, 1971 to 1984

Year	Production		Sold for Consumption		Sold for Hatching		Producer Use for Consumption	
	'000's dozens	$ '000's	'000's dozens	$ '000's	'000's dozens	$ '000's	'000's dozens	$ '000's
1984	196,167	201,003	181,993	176,982	11,685	21,500	2,489	2,521
1983	203,452	191,891	190,444	170,130	10,580	19,469	2,428	2,292
1982	198,109	182,166	185,053	159,797	10,875	20,337	2,181	2,032
1981	196,920	187,363	183,940	163,829	10,784	21,460	2,196	2,074
1980	197,893	163,432	184,546	143,872	11,114	17,671	2,233	1,889
1979	186,926	139,236	174,252	122,465	10,262	14,880	2,412	1,891
1978	184,756	123,776	172,375	107,802	9,874	14,121	2,507	1,853
1977	180,765	118,577	168,937	105,078	9,398	11,749	2,430	1,750
1976	176,404	114,793	164,893	101,574	9,332	12,132	2,179	1,500
1975	183,802	104,403	172,518	91,232	8,946	11,719	2,338	1,452
1974	195,129	113,028	182,951	101,292	9,725	10,211	2,453	1,525
1973	194,118	107,761	181,093	96,331	10,576	10,048	2,449	1,382
1972	192,376	67,537	179,126	58,298	10,331	8,161	2,919	1,078
1971	192,618	57,121	179,437	48,575	10,079	7,561	3,102	985

Source: Statistics Canada, *Production of Poultry and Eggs, (23-202).*

Note: Production and Sold for Consumption include exports.

Table 16.14 Milk Production, Ontario, 1978 to 1984

Year	Industrial Purposes Delivered as Milk	Industrial Purposes Delivered as Cream	Fluid Purposes	Total
		'000's kilolitres		
1984	1,403.2	91.6	980.5	2,475.3
1983	1,384.2	92.9	986.8	2,463.9
1982	1,468.0	96.0	984.7	2,548.7
1981	1,398.5	90.3	1,000.3	2,489.1
1980	1,378.1	88.5	1,000.6	2,467.2
1979	1,296.7	90.5	999.4	2,386.6
1978	1,282.3	99.3	988.9	2,370.5

Sources: CANSIM.
Statistics Canada, *The Dairy Review, (23-001).*

Notes: 1. Cream refers to farm-separated cream expressed in terms of milk equivalent.
2. Fluid Purposes refers to consumption as 2% milk, skim milk, etc.

Table 16.15 Cash Receipts for Milk Sold Off Farms, Ontario, 1978 to 1984

Year	Industrial Purposes Delivered as Milk	Industrial Purposes Delivered as Cream	Fluid Purposes	Supplementary Payments	Contingency Levy	Total
			$ '000's			
1984	417,427	15,695	479,541	90,238	. . .	1,002,901
1983	380,409	15,038	452,357	87,454	. . .	935,258
1982	440,810	14,697	415,809	87,250	. . .	958,566
1981	376,050	12,578	412,105	90,240	4,668	895,641
1980	326,635	11,129	358,299	80,364	13,656	790,083
1979	267,768	9,881	317,871	78,192	8,069	681,781
1978	232,397	. . .	292,116	81,444	. . .	605,957

Sources: CANSIM.
Statistics Canada, *The Dairy Review, (23-001).*

Note: See notes, Table 16.14.

Table 16.16 Farm Bankruptcies, Ontario and Other Regions of Canada, 1979 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
1984	154	12	162	223	551	27.9
1983	165	17	125	181	488	33.8
1982	176	8	143	83	410	42.9
1981	140	8	54	59	261	53.6
1980	123	7	44	48	222	55.4
1979	65	5	14	41	125	52.0

Source: Consumer and Corporate Affairs Canada, Bankruptcy Branch.

Table 16.17 Farm Tax Reduction Program Rebates, Ontario, 1970 to 1984

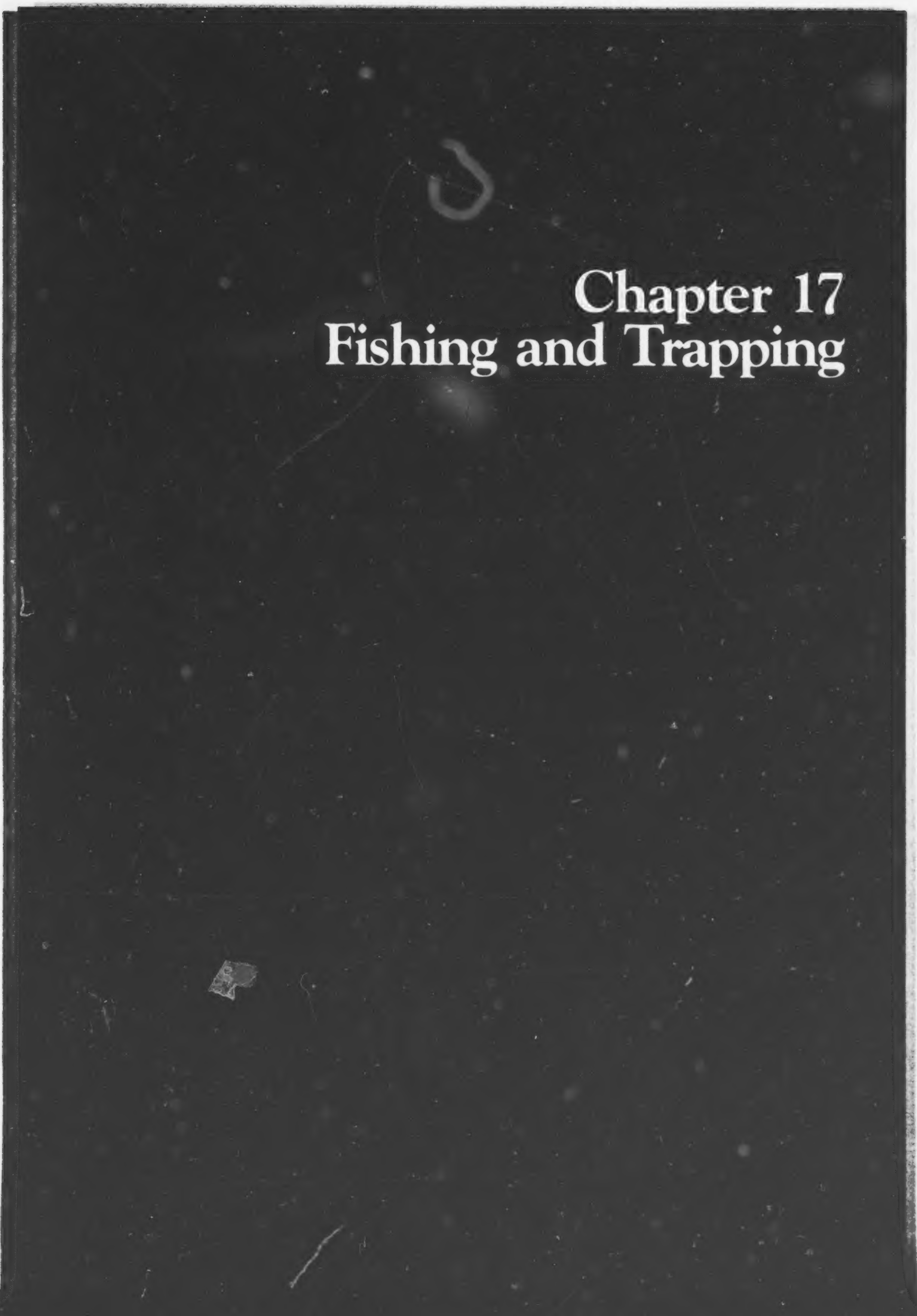
Year	Properties Eligible	Total Rebates
	#	$ '000's
1984	149,823	93,996.8
1983r	147,931	72,434.9
1982	143,521	65,973.5
1981	145,888	60,813.1
1980	152,241	54,921.6
1979	158,034	52,545.7
1978	128,889	40,202.0
1977	148,786	42,430.2
1976	175,607	44,669.2
1975	163,191	35,648.1
1974	160,545	29,791.5
1973	158,264	28,113.3
1972	230,678	17,929.2
1971	227,628	15,870.4
1970	224,064	15,880.8

Source: Ministry of Municipal Affairs, Subsidies Branch.

Notes: 1. The program offers property taxation relief for owners of productive farmland.

2. The Farm Tax Reduction Program began in 1970. For the first three years (1970 to 1972), the rebate was based on 25% of eligible farm taxes. In 1973, the amount was increased to 50% and in 1984 increased to 60%.

Chapter 17
Fishing and Trapping



Fishing and Trapping

The fishing and trapping industries play a relatively minor role in the Ontario economy, accounting for much less than one-tenth of one per cent of gross domestic product. Even so, these industries are of considerable local importance in a number of communities, particularly in northern Ontario.

Government responsibilities in these areas include resource management and development and the promotion of trade opportunities. The Ontario Ministry of Natural Resources administers fisheries in Ontario under the authority of various federal and Provincial acts and is responsible for wildlife management in the Province, with the aim of optimizing recreational and commercial opportunities. The federal government administers wildlife resources on Crown land.

This chapter covers data on:

- commercial fishing, including the operation of fish farms and services incidental to fishing;
- commercial hunting and trapping of wild animals for furs and skins and other purposes;
- fur farms.

Information on recreational hunting and fishing is included in Chapter 26, Recreation.

Sources of Data

The major sources of data on these industries are:

- gross domestic product estimates generated by Statistics Canada;
- returns collected from commercial fishermen by the Ministry of Natural Resources;
- administrative data related to wild fur harvests collected by the Ministry of Natural Resources;
- a survey of fox and mink farms carried out jointly by Statistics Canada and the Ministry of Agriculture and Food.

Gross domestic product estimates for fishing and for hunting and trapping are generated by the Industry Measures and Analysis Division of Statistics Canada. The estimates for fishing do not include fish hatcheries or fishery inspection and protection services. For a more detailed discussion of the concept of gross domestic product by industry, see Chapter 11, Economic Overview.

The Ministry of Natural Resources collects monthly harvest reports from commercial fishermen, as well as annual reports covering employment, investment and value of capital. The data are published as a supplement to the Ministry's *Annual Report* entitled *Statistics*. For additional information, contact the Fisheries Branch, telephone Toronto, 965-7885. Other information on the fishing industry appears in an annual publication of the federal Department of Fisheries and Oceans entitled *Annual Statistics Review: Canadian Fisheries*.

Data on the wild fur harvest by species and value are collected by the Ministry of Natural Resources from reports by field officers and fur dealers. The information is published in *Statistics* and in Statistics Canada's annual publication *Fur Production, (23-207)*. Further information can be obtained from the Wildlife Branch, telephone Toronto, 965-3345.

Statistics Canada, in co-operation with the Ontario Ministry of Agriculture and Food, conducts an annual survey of fox and mink farms. The results are published by Statistics Canada in *Report on Fur Farms, (23-208)*. Data on the wild fur harvest refer to a wildlife year ending June 30, while fur farm data are based on calendar years. Further information on fur farming is available from the Ministry of Agriculture and Food, Veterinary Laboratory Services Branch, telephone Guelph, 823-5700 or from the Agriculture and Natural Resources Division of Statistics Canada, telephone Ottawa, 990-8714.

Other possible sources of information include trade associations such as the Ontario Trappers Association, telephone North Bay, 472-5850, and the Canada Mink Breeders Association, telephone Toronto, 675-9400.

Fishing and Trapping

Charts:

17.1 Commercial Fish Harvest, Ontario, 1973 to 1984
17.2 Value of Commercial Fish Harvest by Selected Species, Ontario, 1984
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Tables:

17.1 Gross Domestic Product: Fishing, Hunting and Trapping, Ontario, 1971 to 1983
17.2 Commercial Fish Harvest, Ontario, Selected Years, 1951 to 1984
17.3 Commercial Fish Harvest by Species, Ontario, 1984
17.4 Commercial Fishing Licences, Ontario, Selected Years, 1951 to 1984
17.5 Employment and Investment in Commercial Fishing, Ontario, 1971 to 1984
17.6 Investment in Commercial Fishing by Type, Ontario, 1984
17.7 Wild Fur Harvest, Ontario, 1970/71 to 1983/84
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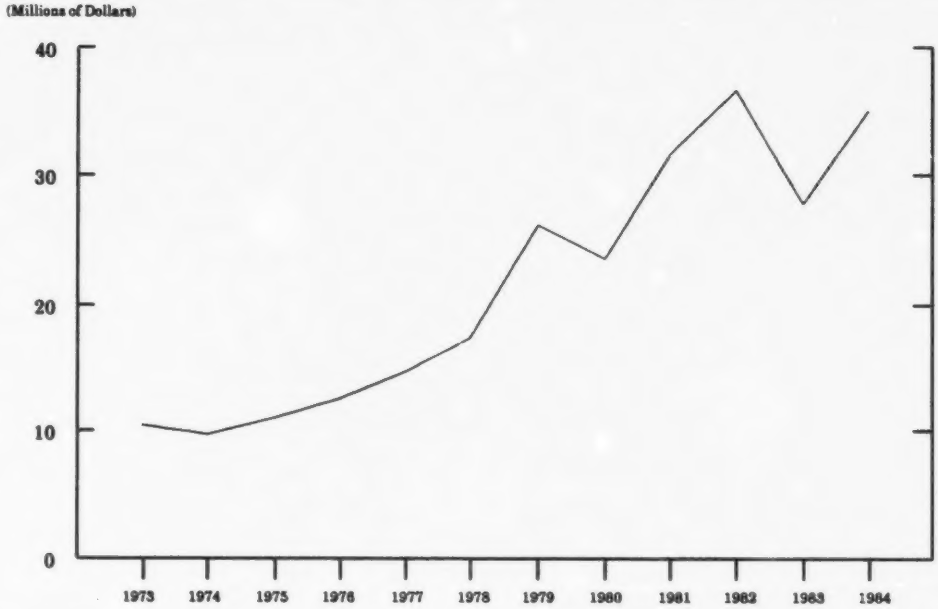
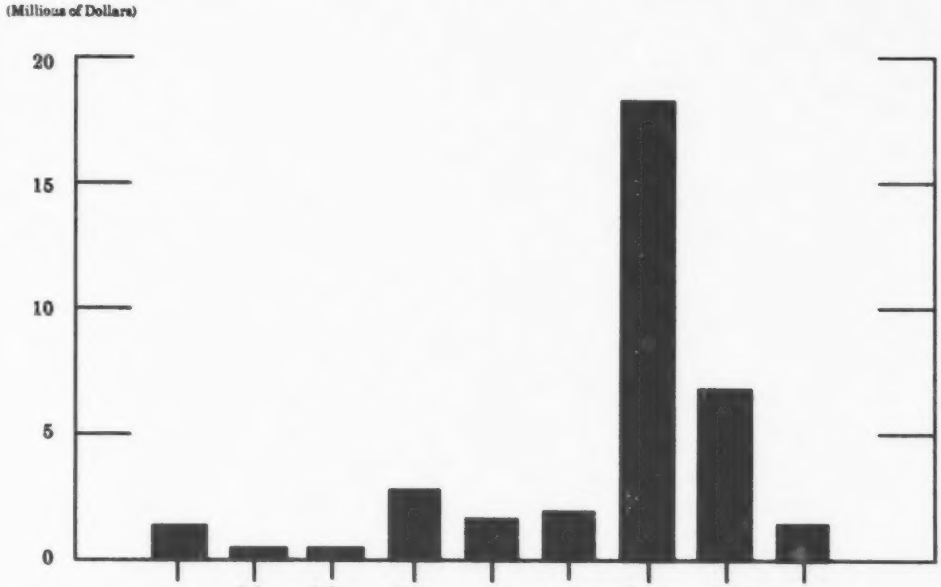
17.9 Ranch Raised Fox and Mink Pelts, Ontario, 1971 to 1984

Chart 17.1 Commercial Fish Harvest, Ontario, 1973 to 1984



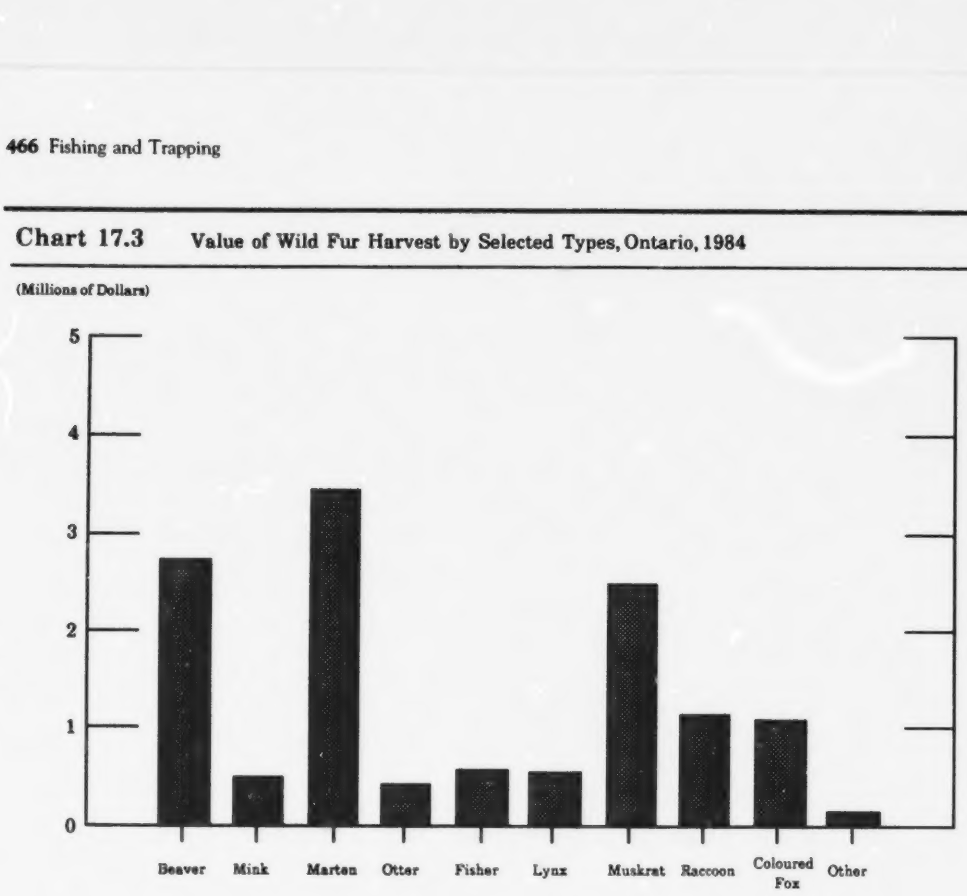
Refer to Table 17.2

Chart 17.2 Value of Commercial Fish Harvest by Selected Species, Ontario, 1984



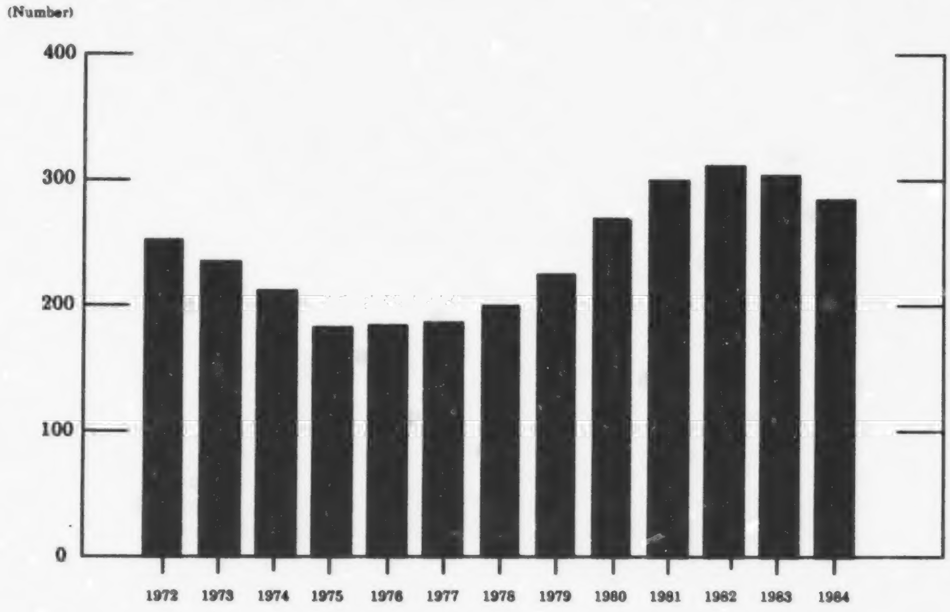
Refer to Table 17.3

Chart 17.3 Value of Wild Fur Harvest by Selected Types, Ontario, 1984



Refer to Table 17.8

Chart 17.4 Fur Farms in Ontario, 1972 to 1984



Refer to Table 17.9

Table 17.1 Gross Domestic Product: Fishing, Hunting and Trapping, Ontario, 1971 to 1983

Year	Fishing	Hunting & Trapping	Total	% of Total G.D.P.
		$ millions		
1983	19.3	9.3	28.6	.02
1982	25.6	10.8	36.4	.03
1981[r]	22.1	12.7	34.8	.03
1980[r]	16.4	15.2	31.6	.03
1979	18.1	14.9	33.0	.04
1978	12.4	10.3	22.7	.03
1977	9.9	7.2	17.1	.02
1976	8.3	6.1	14.4	.02
1975	6.8	4.3	11.1	.02
1974	6.4	4.8	11.2	.02
1973	7.6	5.7	13.3	.03
1972	5.6	3.9	9.5	.02
1971	4.7	2.3	7.0	.02

Sources: Statistics Canada, *Provincial Gross Domestic Product By Industry*, (61-202).
Provincial Economic Accounts, (13-213).

Table 17.2 Commercial Fish Harvest, Ontario, Selected Years, 1951 to 1984

Year	Harvest	Total Value
	tonnes	$ '000's
1984[p]	22,666.9	35,106
1983	27,210.2	27,838
1982	34,109.5	36,788
1981	28,071.1	31,767
1980	26,776.8	23,483
1979	25,136.2	26,060
1978	25,411.9	17,161
1977	23,529.1	14,555
1976	18,644.8	12,513
1975	20,576.2	11,053
1974	24,142.8	9,654
1973	24,064.3	10,376
1972	19,593.3	8,118
1971	19,410.0	6,951
1966	21,021.2	5,995
1961	24,926.6	5,746
1956	27,087.0	7,928
1951	14,048.6	7,044

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.3 Commercial Fish Harvest by Species, Ontario, 1984p

	Harvest	Total Value
	tonnes	$ '000's
Bowfin	17.3	7
Bullhead	214.5	197
Burbot (Ling)	39.0	4
Carp	131.5	30
Catfish	96.5	99
Chub (Deepwater Cisco)	745.4	1,381
Crappie	31.3	81
Eel	113.9	226
Freshwater Drum (Sheepshead)	260.8	50
Lake Herring (Cisco)	914.5	445
Lake Trout	192.6	386
Lake Whitefish	1,893.1	2,886
Northern Pike	111.4	86
Pacific Salmon	2.5	5
Rock Bass	24.9	27
Round Whitefish	34.3	18
Sauger	14.9	27
Shad	5.1	--
Smelt	7,485.0	1,600
Splake	9.2	18
Sturgeon	7.9	37
Sucker (Mullet)	272.6	52
Sunfish	104.7	110
White Bass	2,009.5	1,878
White Perch	350.8	338
Yellow Perch	4,814.2	18,307
Yellow Pickerel	2,280.3	6,797
Animal Food (Unclassified)	489.2	12
Total	22,666.9	35,106

Source: Ministry of Natural Resources, *Statistics.*

Note: Caviar is included in Sturgeon.

Table 17.4 Commercial Fishing Licences, Ontario, Selected Years, 1951 to 1984

Year	Food-Fish Harvesting		Bait-Fish Harvesting		Dealers & Preservers		Total	
	Licences	Revenue	Licences	Revenue	Licences	Revenue	Licences	Revenue
	#	$ '000's	#	$ '000's	#	$ '000's	#	$ '000's
1984	931	53.0	1,802	57.4	2,106	24.4	4,839	134.8
1983	961	74.3	1,782	55.8	2,109	24.4	4,852	154.6
1982	1,068	74.8	1,694	53.1	1,981	22.8	4,743	150.7
1981	1,047	73.3	1,712	52.2	2,003	22.8	4,762	148.3
1980	1,039	60.8	1,728	42.5	1,982	19.2	4,749	122.5
1979	1,093	56.9	1,549	37.8	1,905	18.5	4,547	113.1
1978	1,048	56.1	1,679	39.5	1,931	18.8	4,656	114.4
1977	1,056	53.8	1,605	35.9	1,829	17.8	4,470	107.5
1976	1,086	53.3	1,595	33.3	1,860	18.1	4,541	104.6
1975	1,121	52.2	1,590	32.0	1,702	16.5	4,413	100.7
1974	1,116	51.0	1,623	33.7	1,942	18.9	4,681	103.6
1973	1,149	52.9	1,611	32.9	1,979	19.2	4,739	105.1
1972	1,204	51.1	1,612	31.7	1,996	19.4	4,812	102.2
1971	1,267	53.6	1,607	30.5	1,939	18.8	4,813	102.8
1966	1,882	. .	1,977	. .	1,517	14.6	5,316	. .
1961	1,784	. .	2,181	. .	598	5.5	4,563	. .
1956	1,825	. .	1,457	. .	188	1.9	3,470	. .
1951	1,911	. .	983	. .	. .	. .	2,894	. .

Source: Ministry of Natural Resources, Fisheries Branch.

Notes: 1. Harvesting licences are licences to catch fish.
2. Dealer and preserver licences are licences to buy and sell bait-fish and to preserve bait-fish, respectively.

Table 17.5 Employment and Investment in Commercial Fishing, Ontario, 1971 to 1984

Year	Employment	Capital Investment New	Capital Investment Total
	#	$ '000's	
1984	1,588	1,231	53,325
1983	1,981	3,327	58,775
1982	2,106	3,655	57,345
1981	2,043	5,447	54,676
1980	1,964	3,714	41,481
1979	1,997	2,834	33,950
1978	2,231	2,446	27,056
1977	2,213	2,115	24,171
1976	2,171	1,806	21,651
1975	2,220	1,557	18,253
1974	2,208	1,438	16,779
1973	2,215	1,235	14,131
1972	2,097	1,179	12,972
1971	1,999	1,142	12,397

Source: Ministry of Natural Resources, *Statistics*.

Note: Total investment consists of value of fishing boats, fishing gear, shore installations and new capital investment.

Table 17.6 Investment in Commercial Fishing by Type, Ontario, 1984

	Quantity	Total Value
	#	$ '000's
Fishing Boats		
12.2 m & over	208	27,019
6.1 m to 11.9 m	183	2,359
Under 6.1 m	525	965
Fishing Gear		
Gill Nets	. . .	9,277
Pound Nets	252	247
Trap Nets	746	1,680
Hoop Nets	1,409	732
Seine Nets	. . .	93
Night Lines	73,384	51
Dip Nets	49	2
Trawl Nets	341	786
Trammel Nets	. . .	14
Shore Installations		
Freezers & Icehouses	230	2,224
Piers & Wharves	191	599
Net Sheds	348	3,504
Miscellaneous	. .	149
New Capital Investment		
Engines	. .	393
Hulls	. .	1,299
Fishing Gear	. .	1,670
Wheelhouse Equipment	. .	255
Other Equipment	. .	7
Total Investment	. . .	53,325

Source: Ministry of Natural Resources, *Statistics*.

Notes: 1. Gill, seine and trammel nets are reported in thousands of metres, not numbers. (12,735.4, 7.8 and 1.2 respectively).
2. New capital investment comprises engines, hulls, fishing gear, wheelhouse equipment and other equipment.

Table 17.7 Wild Fur Harvest, Ontario, 1970/71 to 1983/84

Year	Total Trapped	Harvest Value
	'000's	$ '000's
1983/84	766.6	13,174.0
1982/83	1,021.3	14,343.1
1981/82^{r}	882.8	16,805.2
1980/81	980.1	18,965.6
1979/80	1,070.4	24,407.1
1978/79	929.2	20,234.4
1977/78	775.6	11,284.0
1976/77	844.0	11,073.5
1975/76	685.8	7,998.7
1974/75	763.6	6,410.2
1973/74	815.9	8,127.2
1972/73	. .	7,033.9
1971/72	. .	4,763.8
1970/71	. .	2,909.4

Source: Ministry of Natural Resources, *Statistics*.

Notes: 1. Data are for year ending June 30.
2. Harvest value = average pelt value at auction × number trapped.

Table 17.8 Wild Fur Harvest by Type, Ontario, 1983/84

	Average Pelt Value	Total Trapped	Harvest Value
	$	#	$ '000's
Beaver	23	119,080	2,730.5
Mink	32	16,183	525.0
Marten	53	64,545	3,449.3
Otter	59	7,576	445.5
Fisher	161	3,725	598.5
Lynx	331	1,707	564.8
Bobcat	103	26	2.7
Muskrat	5	450,634	2,465.0
Raccoon	16	72,844	1,133.5
Red Squirrel	--	3,229	1.2
Weasel	1	3,281	3.2
Coloured Fox	56	19,629	1,095.9
Arctic Fox	57	44	2.5
Timber Wolf	59	884	52.1
Coyote	28	,2,718	75.7
Black Bear	124	132	16.4
Wolverine	172	12	2.1
Skunk	3	264	0.8
Grey Fox	38	11	0.4
Polar Bear	450	19	8.6
Badger	5	7	--
Opossum	5	89	0.4
Total	. . .	766,639	13,174.0

Source: Ministry of Natural Resources, Wildlife Branch.

Notes: 1. Data are for year ending June 30.
2. Harvest value = average pelt value at auction × number trapped.

Table 17.9 Ranch Raised Fox and Mink Pelts, Ontario, 1971 to 1984

Year	Fur Farms	Mink		Fox	
		Pelts	Value	Pelts	Value
	#	#	$ '000's	#	$ '000's
1984	285	557,437	22,297	3,897	682
1983	305	583,692	18,200	3,665	641
1982	312	548,258	16,831	2,583	421
1981	301	577,679	19,779	2,203	441
1980	271	508,541	19,930	2,225	610
1979	225	466,300	22,546	1,323	478
1978	200	453,441	20,033	1,281	657
1977	187	420,743	12,223	1,269	381
1976	184	414,058	11,697	1,122	262
1975	183	418,287	9,206	931	191
1974	212	473,321	7,516	950	100
1973	235	431,572	7,738	679	67
1972	253	414,139	6,763	642	43
1971	290	438,650	5,558	583	23

Source: Ministry of Agriculture and Food, Veterinary Services Branch.

Note: Value = average pelt price at auction × number of pelts

Chapter 18
Forest Industries

Forest Industries

The forest industries form a large and important industrial group in Ontario, employing almost 75,000 people and representing about 2.2% of gross domestic product. Ontario accounts for almost one-quarter of total Canadian forest product shipments. The paper and allied industries are the largest component of Ontario's forest industries, providing more than 70% of total output. The forest industries are particularly important in Northern Ontario where they are a major source of employment for many communities.

The Ontario Ministry of Natural Resources is responsible for a number of forestry programs including the administration of Crown timber allocations to private industry, forest renewal, fire management, nurseries, research and mapping, provision of access roads and participation in Federal-Provincial investment incentives and other co-operative programs. Most of the productive forest area in Ontario is Crown land owned by the Province, of which large portions are licensed to private forest product companies. The federal government plays a more limited role, operating through such agencies as the Canadian Forestry Service of Agriculture Canada and the Department of Regional Industrial Expansion.

This chapter includes data on:

- logging production of roundwood;
- transportation of roundwood using specialized methods and equipment;
- forestry services;
- manufactured wood products including the output of sawmills, planing mills, shingle mills, veneer and plywood mills, other millwork, wooden box factories, coffins and casket makers and other miscellaneous wood products;
- paper and allied industries including pulp and paper, asphalt roofing, other converted paper and paper boxes and bags.

Information on manufacturers of wood furniture is included in Chapter 20, Manufacturing, while statistics on forest resources and their management are shown in Chapter 1, Natural Resources.

Sources of Data

The major sources of information on these industries are:

- gross domestic product estimates by Statistics Canada;
- the Census of Forestry and the Census of Manufactures conducted by Statistics Canada;
- the Ministry of Natural Resources' annual Mill Licence Returns Survey.

Estimates of gross domestic product for logging and forestry and the related industries of manufactured wood products and paper and allied products are produced by the Industry Measures and Analysis Division of Statistics Canada. For a more complete discussion of gross domestic product, see Chapter 11, Economic Overview.

The Census of Forestry is an annual survey of all large establishments in logging and forestry, supplemented by administrative tax records for smaller firms with salary and wage payments and shipments of less than $100,000. The Census of Manufactures, covering firms in the wood products and paper and allied products industries, is discussed in Chapter 20, Manufacturing.

Statistics Canada's publication entitled *Canadian Forestry Statistics, (25-202)*, and related annual reports on logging and various forest products industries include information on principal statistics, production, shipments, and commodity detail. Monthly data are also available for certain manufactured products. Primary forest production figures are considered estimates because they are not obtained from the Census of Forestry but rather from a variety of sources including monthly Statistics Canada surveys and provincial forestry agencies. Aggregate data are available from CANSIM. For additional information contact the Industry Division of Statistics Canada, telephone Ottawa, 990-9826.

Ontario forest industries data are also published annually by the Ministry of Natural Resources in *Ontario Forest Industry Statistical Reports*. Differences in production figures between Statistics Canada's and Ministry of Natural Resources' publications are the result of differences in survey coverage. Statistics Canada makes estimates for smaller mills from administrative data, while the MNR survey involves total industry coverage. The Ministry also produces a variety of information reports and bulletins on the forest industry. Additional information can be obtained from the Forest Resources Group, Ministry of Natural Resources, telephone Toronto, 965-2787.

Additional logging and forestry information may also be obtained from the Canadian Forestry Service of Agriculture Canada, telephone Ottawa, 997-3350, the Canadian Pulp and Paper Association, telephone Montreal, 866-6621, and the Ontario Forest Industries Association, telephone Toronto, 361-6188.

Forest Industries

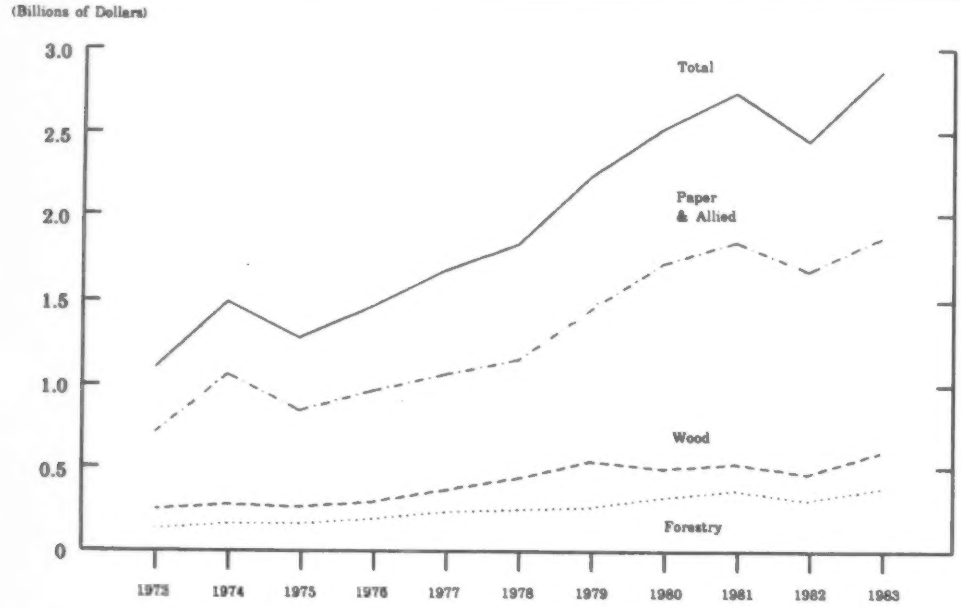
Charts:

18.1 Gross Domestic Product: Forestry, Wood, Paper and Allied Industries, Ontario, 1973 to 1983
18.2 Shipments of Selected Wood Products, Ontario, 1973 to 1983

Tables:

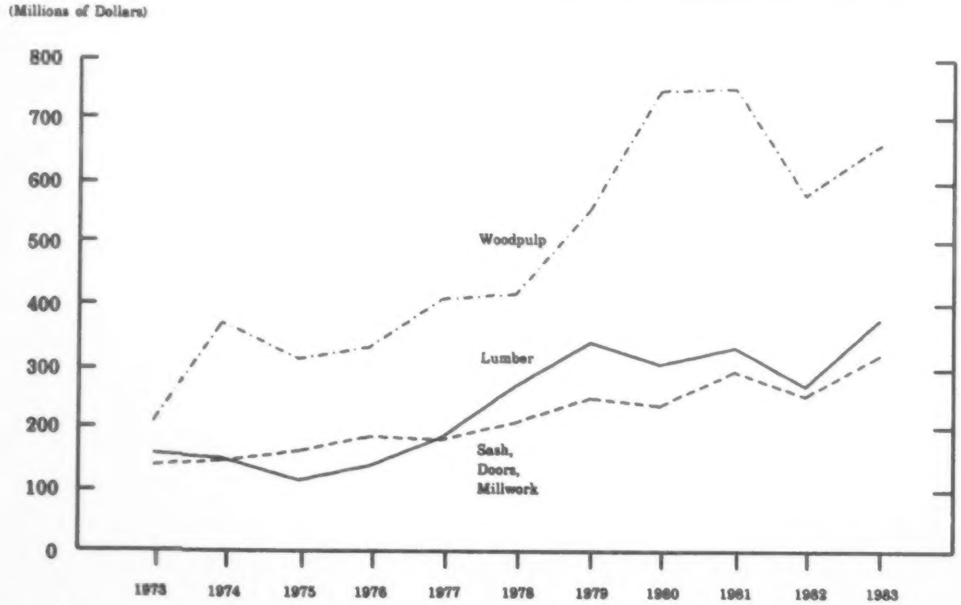
18.1 Gross Domestic Product: Forestry, Wood, Paper and Allied Industries, Ontario, 1971 to 1983
18.2 Principal Statistics of the Forest Industries, Ontario, 1983
18.3 Principal Statistics of the Logging Industry, Ontario and Other Regions of Canada, 1971 to 1983
18.4 Principal Statistics of the Wood Industries, Ontario and Other Regions of Canada, 1971 to 1983
18.5 Principal Statistics of the Paper and Allied Industries, Ontario and Other Regions of Canada, 1971 to 1983
18.6 Primary Forest Production, Ontario and Other Regions of Canada, 1971 to 1983
18.7 Primary Forest Production by Type of Forest Products, Ontario and Other Regions of Canada, 1978 to 1983
18.8 Shipments of Roundwood by the Logging Industry, Ontario, 1971 to 1983
18.9 Roundwood Received by Mill Operators, Ontario, 1978 to 1983
18.10 Production from Sawmills, Ontario, 1978 to 1983
18.11 Shipments of Lumber from Sawmills and Planing Mills, Ontario and Other Regions of Canada, 1971 to 1983
18.12 Shipments of Hardwood and Softwood Lumber from Sawmills and Planing Mills, Ontario, 1971 to 1983
18.13 Shipments of Woodchips, Ontario and Other Regions of Canada, 1971 to 1983
18.14 Shipments from Veneer and Plywood Mills, Ontario and Other Regions of Canada, 1971 to 1983
18.15 Shipments from Sash, Door and Other Millwork Plants, Ontario and Other Regions of Canada, 1971 to 1983
18.16 Destination of Shipments of Wood Products, Ontario, 1972 to 1983
18.17 Origin of Shipments of Wood Products, Ontario, 1972 to 1983
18.18 Shipments of Woodpulp, Ontario and Other Regions of Canada, 1971 to 1983
18.19 Mill Shipments of Basic Paper and Paperboard, Ontario and Other Regions of Canada, 1971 to 1982
18.20 Shipments from Miscellaneous Wood, Paper and Allied Industries, Ontario and Other Regions of Canada, 1983

Chart 18.1 Gross Domestic Product: Forestry, Wood, Paper and Allied Industries, Ontario, 1973 to 1983



Refer to Table 18.1

Chart 18.2 Shipments of Selected Wood Products, Ontario, 1973 to 1983



Refer to Tables 18.11, 18.15 and 18.18

Table 18.1 Gross Domestic Product: Forestry, Wood, Paper and Allied Industries, Ontario, 1971 to 1983

Year	Forestry	Wood	Paper & Allied Industries	Total	% of Total GDP
		$ millions			
1983	383.0	608.5	1,884.9	2,876.4	2.2
1982	319.6	455.5	1,676.1	2,451.2	2.0
1981ʳ	356.3	529.9	1,851.1	2,737.3	2.4
1980ʳ	332.6	486.5	1,720.7	2,539.8	2.5
1979	272.9	536.4	1,436.8	2,246.1	2.5
1978	257.6	437.2	1,149.9	1,844.7	2.3
1977	236.7	364.6	1,063.7	1,665.0	2.3
1976	192.8	301.3	964.7	1,458.8	2.2
1975	166.0	269.7	842.5	1,278.2	2.2
1974	164.2	285.1	1,045.2	1,494.5	2.8
1973	126.5	261.3	711.8	1,099.6	2.5
1972	107.6	185.7	592.9	886.2	2.3
1971	100.4	143.8	541.5	785.7	2.3

Sources: Statistics Canada, *Provincial Gross Domestic Product by Industry*, (61-202).
Provincial Economic Accounts, (13-213).

Note: Forestry includes logging and forestry services.

Table 18.2 Principal Statistics of the Forest Industries, Ontario, 1983

	Establishments	Total Activity: Employees	Total Activity: Salaries & Wages	Manufacturing Activity: Cost of Fuel & Electricity	Manufacturing Activity: Cost of Materials & Supplies	Manufacturing Activity: Value of Shipments	Manufacturing Activity: Value Added
	#	'000's			$ millions		
Logging	472	7.8	227.8	39.4	398.7	794.0	354.3
Wood Industries							
Saw Mills & Planing Mills	228	6.4	132.0	25.8	347.5	597.7	228.0
Veneer & Plywood Mills	23	2.0	38.4	4.8	60.0	125.9	62.5
Sash, Door & Other Millwork Plants	375	7.1	133.6	7.6	253.2	515.1	260.0
Wooden Box Factories	91	1.4	21.0	1.9	47.3	85.1	35.9
Coffin & Casket Industry	6	0.2	2.8	0.1	3.2	6.7	3.6
Other Wood Industries	97	2.5	53.3	14.4	137.6	241.8	90.5
Total	820	19.6	381.2	54.7	848.8	1,572.2	680.6
Paper & Allied Industries							
Pulp & Paper Mills	34	20.7	644.3	349.8	1,322.0	2,818.2	1,137.4
Asphalt Roofing Manufacturers	5	0.4	8.0	2.5	83.6	111.7	28.5
Other Converted Paper Products Manufacturers	132	10.3	238.3	15.6	652.6	1,114.6	455.3
Folding Carton & Set-up Manufacturers	60	3.7	85.0	3.8	208.9	360.9	152.5
Corrugated Box Manufacturers	59	5.3	122.1	9.3	372.3	578.2	198.2
Paper Bag Manufacturers	11	0.6	12.8	0.7	36.8	58.1	21.2
Total	301	41.0	1,110.5	381.8	2,676.3	5,041.6	1,993.1

Sources: Statistics Canada, *Canadian Forestry Statistics*, (25-202).
Other Converted Paper Products Industries, Including Asphalt Roofing Industry, (36-215).
Miscellaneous Wood Industries, (35-208).
Paper Box and Bag Manufacturers, (36-216).
Sash, Door and Other Millwork Plants, (35-205).

Notes: 1. With the exception of Logging, Value of Shipments refers to shipments of goods of own manufacture.
2. Sash, Door & Other Millwork Plants includes manufactures of prefabricated building materials and wooden kitchen cabinets.

Table 18.3 Principal Statistics of the Logging Industry, Ontario and Other Regions of Canada, 1971 to 1983

		Total Activity		Manufacturing Activity			
Year	Establishments	Employees	Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies	Value of Shipments	Value Added
	#	'000's			$ millions		
1983							
Ontario	472	7.8	227.8	39.4	398.7	794.0	354.3
Atlantic	487	6.6	121.2	20.4	259.0	479.0	191.6
Quebec	704	9.9	230.6	37.2	451.8	850.4	349.9
West	1,845	21.7	639.2	102.7	1,495.6	2,791.7	1,215.5
Canada	3,508	45.9	1,218.8	199.7	2,605.2	4,915.0	2,111.3
Ontario % of Canada	13.5	17.0	18.7	19.7	15.3	16.2	16.8
Ontario							
1982	418	7.1	193.8	33.3	346.2	678.9	284.0
1981	418	9.0	230.1	30.6	381.4	717.9	319.2
1980	391	9.6	215.7	24.1	365.3	668.0	316.8
1979	321	9.7	197.3	17.1	306.1	588.6	276.6
1978	255	9.6	179.8	15.0	244.9	505.0	251.3
1977	246	8.4	153.3	12.5	188.3	435.3	229.3
1976	269	7.7	126.9	11.0	153.5	353.9	195.3
1975	328	8.0	111.9	9.7	150.1	302.7	174.1
1974	380	9.7	121.5	11.3	150.4	326.2	186.7
1973	400	9.0	98.7	8.1	113.8	254.8	144.2
1972	393	7.8	81.9	6.3	105.0	234.1	116.8
1971	408	8.1	74.8	4.9	94.5	206.6	106.0

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Notes: 1. The logging industry includes establishments primarily engaged in felling and bucking, bunching, yarding, forwarding, decking and loading of round wood and establishments primarily engaged in the recovery of lost logs including sinkers. Also included are establishments primarily engaged in transporting wood with specialized logging trucks and in driving, booming, sorting, rafting and towing of wood, if not licensed as public carriers–as well as barking mills, engaged in producing barked or rossed pulpwood.

2. Prior to 1982, cost of fuel and electricity for small establishments was included in the cost of materials and supplies.

Table 18.4 **Principal Statistics of the Wood Industries, Ontario and Other Regions of Canada, 1971 to 1983**

		Total Activity		Manufacturing Activity			
Year	Establishments	Employees	Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies	Value of Shipments	Value Added
	#	'000's			$ millions		
1983							
Ontario	820	19.6	381.2	54.7	858.8	1,572.2	682.6
Atlantic	399	5.9	92.3	16.2	224.1	389.1	152.7
Quebec	1,113	27.4	493.8	78.4	1,113.6	2,056.6	877.0
West	1,121	47.8	1,428.9	168.9	3,048.2	5,277.3	2,187.7
Canada	3,453	102.0	2,426.6	323.1	5,297.3	9,405.9	3,941.9
Ontario % of Canada	23.7	19.2	15.7	16.9	16.2	16.7	17.3
Ontario							
1982	794	19.0	334.3	46.2	677.7	1,256.4	518.4
1981	774	21.0	363.0	43.7	791.9	1,436.1	614.0
1980	778	21.3	328.8	33.5	712.1	1,275.9	554.2
1979	761	22.9	320.1	31.1	690.8	1,319.6	620.4
1978	707	21.9	279.3	27.7	541.7	1,078.0	511.1
1977	645	20.1	242.6	22.7	447.3	870.0	404.7
1976	683	19.9	212.3	17.6	386.9	743.3	336.4
1975	726	19.3	185.8	13.0	340.0	638.4	300.5
1974	740	20.5	176.5	13.1	314.5	631.1	323.7
1973	727	20.7	154.1	10.7	271.3	580.8	304.5
1972	733	18.6	124.5	7.9	222.3	449.7	218.7
1971	733	16.8	105.1	6.8	178.9	360.4	169.9

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Notes 1. The wood industries include saw and planing mills, shingle mills, veneer and plywood mills, sash, door and other millwork plants, wooden box factories, coffin and casket industry, and miscellaneous wood industries.

2. See Table 18.2, note 1.

3. Except for Number of Establishments, West excludes Saskatchewan, Yukon and Northwest Territories, due to confidentiality. These are reflected in the Canada total.

4. See Table 18.3, note 2.

Table 18.5 Principal Statistics of the Paper and Allied Industries, Ontario and Other Regions of Canada, 1971 to 1983

Year	Establishments	Total Activity		Manufacturing Activity			
		Employees	Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies	Value of Shipments	Value Added
	#	'000's			$ millions		
1983							
Ontario	301	41.0	1,110.5	381.8	2,676.3	5,041.6	1,993.1
Atlantic	39	8.0	242.8	181.5	541.0	1,074.9	358.8
Quebec	207	40.8	1,156.1	571.9	2,429.7	5,062.2	2,068.3
West	125	21.5	742.5	393.7	1,624.8	3,451.1	1,392.9
Canada	672	114.3	3,340.7	1,586.1	7,467.5	15,010.8	5,929.2
Ontario % of Canada	44.8	35.9	33.2	24.1	35.8	33.6	33.6
Ontario							
1982	305	41.6	1,031.4	346.7	2,451.2	4,595.2	1,819.0
1981	342	47.4	1,044.8	324.8	2,702.8	5,129.8	2,121.6
1980	349	47.9	926.8	279.5	2,368.7	4,599.0	1,973.5
1979	334	46.2	827.1	252.6	2,007.8	3,872.2	1,643.4
1978	319	45.2	747.4	228.8	1,616.3	3,145.7	1,307.5
1977	287	43.5	681.1	197.2	1,440.0	2,826.6	1,193.0
1976	301	45.6	612.5	145.4	1,291.5	2,459.7	1,051.0
1975	302	45.2	497.1	93.3	1,065.0	2,126.4	958.5
1974	294	47.4	512.8	93.7	1,175.9	2,429.7	1,199.1
1973	289	45.4	436.5	75.1	861.2	1,748.3	805.7
1972	300	44.6	395.8	69.2	753.5	1,484.0	664.4
1971	289	43.9	359.2	64.1	697.1	1,367.4	607.6

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Notes:
1. Paper and allied industries include pulp and paper mills, asphalt roofing, paper box and bag manufacturers and miscellaneous paper converters.
2. See Table 18.2, note 1.
3. Except for number of establishments, Atlantic excludes Newfoundland, and West excludes Saskatchewan, due to confidentiality. These are reflected in the Canada total.
4. See Table 18.3, note 2.

Table 18.6 Primary Forest Production, Ontario and Other Regions of Canada, 1971 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's cubic metres			
1983	23,736	13,786	36,288	83,111	156,921	15.1
1982	19,778	11,975	29,133	66,130	127,016	15.6
1981	22,808	14,682	34,234	72,848	144,572	15.8
1980	21,322	16,004	31,687	86,367	155,380	13.7
1979	21,294	15,843	35,736	88,097	160,970	13.2
1978	20,187	15,113	34,079	85,723	155,102	13.0
1977	19,270	13,712	31,064	80,736	144,781	13.3
1976	16,743	13,442	29,059	79,599	138,843	12.1
1975	14,215	13,065	28,407	59,574	115,263	12.3
1974	18,868	16,180	32,712	70,169	137,929	13.7
1973	18,446	15,588	29,350	80,422	143,806	12.8
1972	17,361	13,025	27,827	65,917	124,130	14.0
1971	15,839	12,677	26,581	64,605	119,702	13.2

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Notes:
1. Total primary forest production includes such products as pulpwood, logs and bolts, poles and pilings, fuelwood and miscellaneous roundwood.
2. Data for years up to 1982 are shown on the 1970 SIC base. Data for 1983 are shown on the 1980 SIC base.

Table 18.7 Primary Forest Production by Type of Forest Products, Ontario and Other Regions of Canada, 1978 to 1983

Year	Industrial Wood: Logs & Bolts	Industrial Wood: Pulpwood	Industrial Wood: Other Roundwood	Industrial Wood: Total	Fuelwood	Total
				'000's cubic metres		
1983						
Ontario	9,008	12,450	107	21,565	2,171	23,736
Atlantic	3,661	8,877	97	12,635	1,151	13,786
Quebec	20,080	12,998	810	33,888	2,400	36,288
West	78,520	3,765	351	82,636	475	83,111
Canada	111,269	38,090	1,365	150,724	6,197	156,921
Ontario % of Canada	8.1	32.7	7.8	14.3	35.0	15.1
Ontario						
1982	7,634	10,222	113	17,969	1,809	19,778
1981	8,707	12,105	127	20,939	1,869	22,808
1980	9,061	10,803	113	19,977	1,345	21,322
1979	9,132	10,769	133	20,034	1,260	21,294
1978	8,255	10,605	139	18,998	1,189	20,187

Source. Statistics Canada, *Canadian Forestry Statistics, (25-202).*

Notes: 1. Logs & Bolts includes some pulpwood.
2. See Table 18.6, note 2.

Table 18.8 Shipments of Roundwood by the Logging Industry, Ontario, 1971 to 1983

Year	Logs & Bolts: Quantity	Logs & Bolts: Value	Pulpwood: Quantity	Pulpwood: Value	Total Roundwood: Quantity	Total Roundwood: Value	% of Canada: Quantity	% of Canada: Value
	'000's cu. m.	$ millions	'000's cu. m.	$ millions	'000's cu. m.	$ millions		
1983	4,662	164.4	12,265	462.8	16,928	627.2	17.1	18.0
1982	3,861	127.0	11,968	412.7	15,828	539.7	18.3	18.6
1981	4,643	155.7	12,212	430.8	16,855	586.5	16.2	17.9
1980	5,245	154.6	11,498	372.2	16,743	526.8	15.5	15.8
1979	4,872	134.0	11,375	349.1	16,248	483.1	14.9	15.2
1978	4,767	117.7	11,109	310.4	15,877	428.0	12.7	13.3
1977	4,251	93.8	10,552	279.5	14,802	373.4	12.5	13.5
1976	3,044	64.3	9,938	242.7	12,983	307.0	11.0	12.0
1975	3,123	59.0	8,460	184.3	11,582	243.3	11.8	12.7
1974	3,615	54.8	12,822	226.3	16,437	281.1	13.2	12.8
1973	3,386	45.1	12,345	176.6	15,731	221.7	12.2	10.8
1972	3,839	47.1	11,865	158.2	15,704	205.3	13.4	13.3
1971	3,286	39.0	10,388	138.9	13,673	177.9	12.1	13.0

Source: Statistics Canada, *Canadian Forestry Statistics, (25-202).*

Note: See Table 18.6, note 2.

Table 18.9 Roundwood Received by Mill Operators, Ontario, 1978 to 1983

Year	Mill Operators	Sawlogs, Veneer Logs	Pulpwood & Miscellaneous	Total
	#		'000's cubic metres	
1983	848	9,737	11,983	21,720
1982^{r}	854	7,976	11,583	19,559
1981^{r}	849	9,939	13,659	23,598
1980^{r}	894	12,177	12,230	24,407
1979	836	12,162	11,788	23,950
1978	836	10,566	12,007	22,573

Source: Ministry of Natural Resources, *Ontario Forest Industry Statistical Reports.*

Notes: 1. Receipts do not include wood residues.
2. Roundwood received refers to production from crown, patent and other lands.

Table 18.10 Production from Sawmills, Ontario, 1978 to 1983

Year	Hardwoods						
	Birch	Oak	Maple	Poplar	Other	Mixed	Total
	'000's cubic metres						
1983	53	40	264	77	55	28	511
1982	48	35	208	57	57	46	450
1981	80	40	276	93	87	33	610
1980	74	35	303	78	95	89	674
1979	76	39	345	83	115	38	686
1978	67	37	306	70	87	27	593

Table 18.10 (cont'd.)

Year	Softwoods					
	Spruce, Balsam, Jackpine	Red & White Pine	Hemlock	Other	Total	Total
	'000's cubic metres					
1983	3,055	488	49	13	3,606	4,117
1982	2,358	382	45	10	2,793	3,243
1981	3,108	429	69	18	3,617	4,238
1980	3,079	435	60	34	3,608	4,282
1979	2,778	429	59	31	3,298	3,984
1978	2,888	461	52	11	3,411	4,004

Source: Ministry of Natural Resources, *Ontario Forest Industry Statistical Reports.*

Notes: 1. Components may not add to total due to rounding and conversion.
2. Elm is included with Other Hardwoods.

Table 18.11 Shipments of Lumber from Sawmills and Planing Mills, Ontario and Other Regions of Canada, 1971 to 1983

Year	Ontario		Atlantic		Quebec	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's cu. m.	$ millions	'000's cu. m.	$ millions	'000's cu. m.	$ millions
1983	3,503	377.4	1,182	127.0	7,963	741.3
1982	2,852	274.3	870	88.1	6,162	501.3
1981	3,425	338.9	1,195	121.5	7,245	615.7
1980	3,199	310.1	1,266	132.3	7,383	642.3
1979	3,302	343.2	1,397	139.3	7,718	694.8
1978	2,853	273.1	1,228	107.6	7,451	580.8
1977	2,416	187.4	1,063	82.9	6,525	426.7
1976	2,041	142.2	1,054	76.4	5,444	331.0
1975	1,825	117.3	972	67.5	4,719	263.4
1974	2,300	152.8	997	70.9	5,028	292.2
1973	2,362	163.5	1,112	75.5	5,592	323.7
1972	2,062	116.4	1,228	60.6	5,106	246.4
1971	1,928	88.9	1,177	49.7	4,279	160.5

Table 18.11 (cont'd.)

Year	West		Canada		Ontario % of Canada	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's cu. m.	$ millions	'000's cu. m.	$ millions		
1983	32,110	3,349.9	44,772	4,597.8	7.8	8.2
1982	25,174	2,238.3	35,079	3,103.7	8.1	8.8
1981	27,288	2,544.6	39,180	3,623.4	8.7	9.4
1980	28,476	2,917.7	40,348	4,004.8	7.9	7.7
1979	30,507	3,488.0	42,948	4,667.3	7.7	7.4
1978	30,239	2,884.6	41,980	3,863.5	6.8	7.1
1977	29,011	2,262.6	39,015	2,959.6	6.2	6.3
1976	25,155	1,653.7	33,694	2,203.2	6.1	6.5
1975	18,402	1,025.2	25,920	1,473.3	7.0	8.0
1974	22,680	1,361.8	31,005	1,877.7	7.4	8.1
1973	25,625	1,664.4	34,691	2,227.2	6.8	7.3
1972	24,772	1,208.3	33,168	1,631.7	6.2	7.1
1971	22,427	860.3	29,811	1,159.4	6.5	7.7

Source: Statistics Canada, *Canadian Forestry Statistics, (25-202).*

Notes: 1. Shipments of lumber refers to shipments of soft and hard wood, rough and planed.
2. Atlantic excludes Prince Edward Island from 1974 to 1977 due to data not available.
3. In 1978, Atlantic and West exclude Newfoundland and Manitoba respectively, due to confidentiality.
4. From 1979 to 1981, Atlantic and West exclude Prince Edward Island and Northwest Territories respectively, due to confidentiality.
5. For 1982 and 1983, Atlantic exclude Newfoundland and Prince Edward Island, due to confidentiality.
6. Data up to and including 1981 are shown on the 1970 SIC base. Data for 1982 and 1983 are shown on the 1980 SIC base.

Table 18.12 Shipments of Hardwood and Softwood Lumber from Sawmills and Planing Mills, Ontario, 1971 to 1983

Year	Hardwoods		Softwoods		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's cu. m.	$ millions	'000's cu. m.	$ millions	'000's cu. m.	$ millions
1983	362	48.7	3,141	328.7	3,503	377.4
1982	268	34.4	2,584	240.0	2,852	274.3
1981	368	49.5	3,058	289.4	3,425	338.9
1980	366	47.5	2,833	262.6	3,199	310.1
1979	432	55.7	2,869	287.4	3,302	343.2
1978	389	41.3	2,464	231.8	2,853	273.1
1977	354	32.5	2,062	155.0	2,416	187.4
1976	377	32.5	1,665	109.6	2,041	142.2
1975	323	26.7	1,502	90.6	1,825	117.3
1974	501	41.8	1,799	111.0	2,300	152.8
1973	527	42.4	1,835	121.1	2,362	163.5
1972	504	36.3	1,557	80.1	2,062	116.4
1971	483	29.7	1,445	59.3	1,928	88.9

Source: Statistics Canada, *Sawmills and Planing Mills and Shingle Mills, (35-204).*

Table 18.13 Shipments of Woodchips, Ontario and Other Regions of Canada, 1971 to 1983

Year	Ontario		Atlantic		Quebec		British Columbia	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1983	1,965	147.2	930	64.3	3,514	273.1	9,057	389.0
1982	1,703	122.1	835	47.1	3,159	248.8	7,778	460.7
1981	2,033	133.1	896	55.9	3,603	248.7	8,181	489.0
1980	1,954	119.4	1,022	56.6	3,685	215.3	9,322	469.9
1979	1,834	99.1	1,047	47.6	3,549	177.7	8,116	253.0
1978	1,618	80.4	847	38.4	3,040	133.1	7,751	215.2
1977	1,473	69.4	827	38.7	2,916	127.3	7,522	235.6
1976	1,146	52.0	796	35.9	2,276	98.2	7,458	256.9
1975	971	36.3	667	27.4	1,876	73.2	5,697	208.2
1974	1,148	31.8	902	29.0	1,852	54.9	6,844	182.2
1973	1,039	24.9	594	20.8	1,846	46.5	6,711	121.6
1972	907	20.8	612	19.5	1,602	37.8	5,579	86.4
1971	776	17.8	641	20.0	1,276	28.0	5,219	85.3

Table 18.13 (cont'd.)

Year	Other Provinces		Canada		Ontario % of Canada	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions		
1983	896	33.9	16,362	907.5	12.0	16.2
1982	551	26.1	14,027	904.8	12.1	13.5
1981	603	25.8	15,316	952.5	13.3	14.0
1980	610	21.3	16,593	882.6	11.8	13.5
1979	563	19.8	15,110	597.3	12.1	16.6
1978	536	17.5	13,791	484.6	11.7	16.6
1977	496	15.7	13,234	486.7	11.1	14.3
1976	325	13.1	12,001	456.1	9.6	11.4
1975	277	9.5	9,489	354.6	10.2	10.2
1974	266	7.3	11,012	305.2	10.4	10.4
1973	278	4.0	10,468	217.9	9.9	11.4
1972	165	2.6	8,864	167.1	10.2	12.5
1971	114	1.8	8,026	152.9	9.7	11.6

Source: Statistics Canada, *Canadian Forestry Statistics, (25-202).*

Notes:
1. Shipments refers to woodchip shipments from all industries.
2. Atlantic consists of Nova Scotia and New Brunswick only.
3. Other Provinces consists of Newfoundland, Prince Edward Island and West excluding British Columbia, Yukon and Northwest Territories.
4. Quantity refers to oven dry tonnes.
5. See Table 18.6, note 2.

Table 18.14 Shipments from Veneer and Plywood Mills, Ontario and Other Regions of Canada, 1971 to 1983

Year	Ontario	Quebec	British Columbia	Other Provinces	Canada	Ontario % of Canada
			$ millions			
1983	125.9	169.1	493.2	64.9	853.1	14.8
1982	98.8	104.9	396.2	44.8	644.7	15.3
1981	120.2	106.4	544.4	69.6	840.6	14.3
1980	112.2	107.6	551.0	69.0	839.8	13.4
1979	111.0	108.5	590.7	77.8	887.9	12.5
1978	88.9	117.9	568.1	69.5	844.5	10.5
1977	59.2	91.1	442.4	54.1	646.8	9.2
1976	50.8	85.7	406.9	40.4	583.8	8.7
1975	46.9	69.1	311.5	30.4	457.8	10.2
1974	52.1	79.3	307.6	24.1	463.0	11.2
1973	56.2	72.1	334.0	24.4	486.7	11.5
1972	43.7	55.8	271.1	22.7	393.3	11.1
1971	37.4	42.8	213.5	18.1	311.9	12.0

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Notes: 1. See Table 18.2, note 1.
2. Other Provinces includes Newfoundland, New Brunswick and Saskatchewan up to and including 1981; for 1982 and 1983 Alberta is also included..

Table 18.15 Shipments from Sash, Door and Other Millwork Plants, Ontario and Other Regions of Canada, 1971 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1983	325.6	41.5	324.0	306.1	1,015.9	32.1
1982	257.8	35.9	229.7	249.2	794.1	32.5
1981	297.6	42.5	262.5	305.2	981.4	30.3
1980	240.1	41.2	253.2	246.7	842.7	28.5
1979	254.1	43.5	238.5	289.5	833.2	30.5
1978	211.9	36.9	205.2	247.9	708.1	29.9
1977	185.7	31.4	166.3	198.7	587.6	31.6
1976	189.8	28.9	157.9	177.5	567.4	33.4
1975	166.4	23.7	137.1	151.4	483.7	34.5
1974	149.4	19.4	127.0	125.0	424.6	35.2
1973	139.3	13.8	110.2	121.2	387.2	36.0
1972	114.7	13.0	96.7	93.0	317.5	36.1
1971	100.5	9.1	74.6	82.5	267.4	37.6

Source: Statistics Canada, *Sash, Door and Other Millwork Plants*, (35-205).

Notes: 1. See Table 18.2, note 1.
2. Shipments includes mill products such as sash doors, window and door frames, interior woodwork, construction moulding, laminated rafters, roof trusses and beams. Data for 1971 include wooden kitchen cabinets, and beginning in 1972, hardwood flooring is included in this industry.
3. Atlantic excludes Prince Edward Island 1971, Newfoundland and Prince Edward Island from 1973 to 1983, due to confidentiality.
4. West excludes Yukon, Northwest Territories and Manitoba for 1980 and 1981, and Saskatchewan for 1976 and 1982, due to confidentiality.
5. See Table 18.6, note 2.

Table 18.16 Destination of Shipments of Wood Products, Ontario, 1972 to 1983

Year	Quebec	Other Canadian Sources	U.S.A.	Europe	Total
			'000's cubic metres		
1983	710	—	364	–	1,075
1982	579	1	116	–	696
1981	869	–	208	–	1,076
1980	1,107	19	384	–	1,509
1979	1,469	10	288	–	1,767
1978	919	–	247	–	1,166
1977	826	–	203	–	1,029
1976	738	4	72	–	814
1975	656	1	105	–	793
1974	1,126	–	414	32	1,540
1973	. .	. .	. .	. .	. .
1972	516	—	92	–	608

Source: Ministry of Natural Resources, *Ontario Forest Industry Statistical Reports.*

Notes: 1. Wood products shipments includes pulpwood, sawlogs and veneer logs, etc. and whole tree chips and residues from crown and patent land.
2. 000's cubic metres refers to solid wood equivalent.
3. Components may not add to total due to rounding and conversion.
4. Other Canadian Sources includes Manitoba and British Columbia.

Table 18.17 Origin of Shipments of Wood Products, Ontario, 1972 to 1983

Year	Quebec	Manitoba	Other Canadian Sources	U.S.A.	Total
			'000's cubic metres		
1983	185	226	–	571	983
1982	585	179	2	654	1,419
1981	702	170	1	738	1,611
1980	1,010	148	—	843	2,002
1979	694	145	13	934	1,786
1978	756	128	–	773	1,657
1977	591	127	–	757	1,475
1976	647	107	–	639	1,392
1975	425	122	–	530	1,076
1974	830	127	26	600	1,560
1973	. .	. .	. .	. .	. .
1972	830	145	33	328	1,334

Source: Ministry of Natural Resources, *Ontario Forest Industry Statistical Reports.*

Notes: 1. See Table 18.16, notes 1 to 3.
2. Other Canadian Sources includes New Brunswick, Saskatchewan and British Columbia.

Table 18.18 **Shipments of Woodpulp, Ontario and Other Regions of Canada, 1971 to 1983**

Year	Ontario		Quebec		British Columbia	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1983	1,430	666.1	1,198	552.8	3,669	1,487.3
1982	1,167	581.1	1,077	576.7	2,946	1,376.2
1981	1,417	757.1	1,211	672.0	3,120	1,581.2
1980	1,360	754.0	1,204	653.7	3,530	1,756.6
1979	1,265	559.2	1,282	532.7	3,483	1,378.7
1978	1,241	419.5	1,123	360.0	3,611	1,048.0
1977	1,170	411.1	1,008	320.5	2,960	944.3
1976	923	338.5	905	282.0	3,153	1,062.2
1975	840	317.6	702	247.3	2,480	868.7
1974	1,165	365.9	1,070	332.6	3,355	903.2
1973	1,088	215.0	848	157.8	3,380	576.6
1972	1,159	179.2	904	130.1	2,916	422.7
1971	1,047	169.2	940	140.9	2,463	363.1

Table 18.18 (cont'd.)

Year	Other Provinces		Canada		Ontario % of Canada	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions		
1983	1,925	813.0	8,222	3,519.1	17.4	18.9
1982	1,822	849.9	7,012	3,383.9	16.6	17.2
1981	2,088	995.2	7,836	4,005.5	18.1	18.9
1980	2,072	976.3	8,166	4,140.6	16.7	18.2
1979	2,059	817.0	8,089	3,287.6	15.6	17.0
1978	2,046	634.5	8,021	2,461.9	15.5	17.0
1977	1,928	595.1	7.066	2,270.9	16.6	18.1
1976	1,787	572.0	6,768	2,254.7	13.6	15.0
1975	1,627	549.0	5,650	1,982.6	14.9	16.0
1974	2,013	603.6	7,603	2,205.3	15.3	16.6
1973	1,884	352.1	7,200	1,301.5	15.1	16.5
1972	1,718	244.1	6,697	976.1	17.3	18.4
1971	1,373	205.0	5,823	878.1	18.0	19.3

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Notes: 1. Shipments refers to mechanical or chemical woodpulp shipments from pulp and paper mills.
2. Other Provinces consists of Atlantic and West excluding British Columbia, Yukon and Northwest Territories.
3. See Table 18.6, note 2.

Table 18.19 Mill Shipments of Basic Paper and Paperboard, Ontario and Other Regions of Canada, 1971 to 1982

Year	Newsprint		Printing & Writing		Wrapping	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1982						
Ontario	1.414	720.6	806	679.2	57	63.5
Quebec	3,882	2,044.9	656	508.8	109	95.7
Other Provinces	2,445	1,292.0	221	149.1	282	145.9
Canada	7,740	4,057.5	1,684	1,337.2	448	305.1
Ontario % of Canada	18.3	17.8	47.9	50.8	12.7	20.8
Ontario						
1981	1,738	841.5	799	632.8	62	59.9
1980	1,737	751.8	789	581.3	61	56.5
1979	1,741	671.0	806	523.9	70	59.8
1978	1,665	555.4	722	404.9	77	55.8
1977	1,606	501.9	619	320.6	68	44.4
1976	1,406	390.1	426	206.5	58	36.6
1975	1,144	290.4	368	179.7	51	31.0
1974	1,806	367.5	614	288.9	91	53.4
1973	1,776	294.4	512	189.1	86	34.7
1972	1,628	253.6	488	149.3	64	23.4
1971	1,601	241.7	453	135.5	72	25.4

Table 18.19 (cont'd.)

Year	Paperboards		Other Paper		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1982						
Ontario	662	295.9	91	82.0	3,030	1,841.2
Quebec	728	346.8	116	73.7	5,491	3,069.9
Other Provinces	536	207.4	57	34.2	3,541	1,828.7
Canada	1,926	850.0	264	189.9	12,062	6,739.7
Ontario % of Canada	34.4	34.8	34.5	43.2	25.1	27.3
Ontario						
1981	759	310.6	85	70.6	3,442	1,915.4
1980	738	265.6	82	58.0	3,406	1,713.2
1979	726	241.4	89	50.2	3,432	1,546.4
1978	681	190.5	76	39.8	3,221	1,246.4
1977	609	168.0	90	50.0	2,992	1,085.0
1976	501	137.5	90	49.7	2,480	820.5
1975	417	108.6	73	36.1	2,053	645.8
1974	660	166.4	101	40.5	3,272	916.8
1973	652	122.9	87	24.0	3,114	665.2
1972	613	100.7	72	20.1	2,866	547.1
1971	572	91.3	61	16.8	2,758	510.8

Source: Statistics Canada, *Pulp and Paper Mills, (36-204).*

Notes: 1. Printing & Writing includes groundwood printing, speciality papers, fine and miscellaneous papers.
2. Paperboards includes wet machine boards.
3. Other Paper includes tissue, sanitary papers and building papers.
4. Other Provinces consists of Atlantic and West, excluding Yukon and Northwest Territories.

Table 18.20 Shipments from Miscellaneous Wood, Paper and Allied Industries, Ontario and Other Regions of Canada, 1983

	Ontario	Quebec	British Columbia	Other Provinces	Canada	Ontario % of Canada
			$ millions			
Wooden Box Factories	85.1	35.3	13.8	17.8	151.9	56.0
Coffin & Casket Industry	6.7	26.1	1.7	4.5	39.0	17.2
Miscellaneous Wood Industries	241.8	160.3	. .	. .	614.8	39.3
Asphalt Roofing Manufacturers	111.7	98.8	. .	57.4	306.4	36.4
Other Converted Paper Products	1,114.6	421.6	39.4	58.6	1,634.2	68.2
Folding Carton & Set-up Manufacturers	360.9	184.5	. .	. .	602.6	59.9
Corrugated Box Manufacturers	578.2	299.6	117.9	151.2	1,146.8	50.4
Paper Bag Manufacturers	58.1	100.4	22.5	57.7	238.7	24.3

Source: Statistics Canada, *Miscellaneous Wood Industries*, (35-208).
Miscellaneous Paper Converters Including Asphalt Roofing Manufacturers, (36-215).
Paper Box and Bag Manufacturers, (36-216).

Notes: 1. See Table 18.2, note 1.
2. Other Provinces generally consists of Atlantic, excluding Prince Edward Island and West, excluding Yukon and Northwest Territories. Quebec and British Columbia included with Other Provinces when data confidential. For Asphalt Roofing Manufacturers, Other Provinces consists of Quebec and West, excluding Saskatchewan, Yukon and Northwest Territories. For Paper Bag Manufacturers, Other Provinces consists of New Brunswick and West, excluding Yukon and Northwest Territories.

Chapter 19
Mining

Mining

The mining industry forms an integral part of the Ontario economy, producing a variety of vital minerals and making Ontario a leading world exporter. The total value of mineral production in Ontario represents about 10% of the Canadian total, or nearly 30% if fuels are excluded.

Governments' direct role in mining is limited to promoting and regulating the development of mineral resources. The Ontario Ministry of Northern Development and Mines provides assistance to the mining industry through a variety of programs which include mapping and surveying, assaying, promotion of exploration, and the dissemination of commodity and other information. Energy, Mines and Resources Canada provides some services to the industry through co-operative programs.

Data in this chapter cover:

- mining and milling of metallic and non-metallic minerals;
- structural materials and mineral fuels;
- smelting and refining;
- cement, lime and clay products manufacturing.

Data on crude petroleum and natural gas are shown in Chapter 14, Energy, while petroleum refineries and the miscellaneous petroleum and coal products industry are covered in Chapter 20, Manufacturing.

Sources of Data

The main sources of data on mining are:

- gross domestic product estimates by the Industry Measures and Analysis Division of Statistics Canada;
- the Census of Mines, Quarries and Oil Wells;
- surveys of the crude petroleum and natural gas industry.

The gross domestic product estimates for mines, quarries and oil wells include metallic and non-metallic mines, mineral fuels and structural materials produced from quarries and sand pits. Services incidental to mining such as contract drilling, and mine exploration and development work are excluded. Both gross domestic product and principal mining statistics exclude manufacturers of cement, lime and clay products, and smelting and refining. A more complete discussion of gross domestic product is given in Chapter 11, Economic Overview. Principal statistics for the related mineral manufacturing industries are covered in Chapter 20, Manufacturing.

The Census of Mines, Quarries and Oil Wells is carried out jointly by the Ontario Ministry of Northern Development and Mines, and Energy, Mines and Resources Canada. Mining establishments are required to provide annual data on employment, costs of production and output. In order to cover certain commodities completely, some non-mining establishments are also surveyed for commodity information only.

The data are available in *Ontario Mineral Score*, an annual publication of the Ministry of Northern Development and Mines. In addition to principal statistics, the publication contains information on exploration and development activity, mining claims, assessment work and smelting and refining. For further information, contact the Mineral Resources Branch of the Ministry of Northern Development and Mines, telephone Toronto, 965-0211.

Similar mining information is published annually by Statistics Canada in *General Review of the Mineral Industries, (26-201)*, and in related annual publications on specific mineral industries (series 26). Preliminary and revised statistics on mineral production by type can be found in *Canada's Mineral Production: Preliminary Estimates, (26-202)*. Aggregate Statistics Canada data are also available on CANSIM. Differences in quantity and value figures between Statistics Canada's and the Ministry of Northern Development and Mines' publications can be attributed to the different treatment of survey non-respondents.

Monthly statistics can also be obtained from Energy, Mines and Resources Canada in its reports entitled *Production of Canada's Leading Minerals* and *The Canadian Mineral Industry*. This Department also produces the *Canadian Minerals Yearbook* which includes a review of overall developments in the mineral industries, together with a statistical summary of mining and related activities. Both federal and Provincial governments also produce a variety of technical reports. For information on federal government publications, contact Energy Mines and Resources Canada, telephone Ottawa, 995-9466, or the Industry Division of Statistics Canada, telephone Ottawa, 990-9832.

Additional sources of data include the *Canadian Mines Handbook*, by Northern Miner Press, the *Canadian Mining Journal*, and The Financial Post's *Survey of Mines and Energy Resources*. As well, a number of trade and professional associations such as the Mining Association of Canada, telephone Ottawa, 233-9391, the Ontario Mining Association, telephone Toronto, 364-9301, and the Prospectors and Developers Association, telephone Toronto, 362-1969, may be able to provide further information.

Mining

Charts:

19.1 Gross Domestic Product: Mines, Quarries and Oil Wells, Ontario, 1973 to 1983
19.2 Total Production Value of Minerals, Ontario and Other Regions of Canada, 1984
19.3 Production Value of Minerals by Type, Ontario, 1984
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Tables:

19.1 Gross Domestic Product: Mines, Quarries and Oil Wells, Ontario, 1971 to 1983
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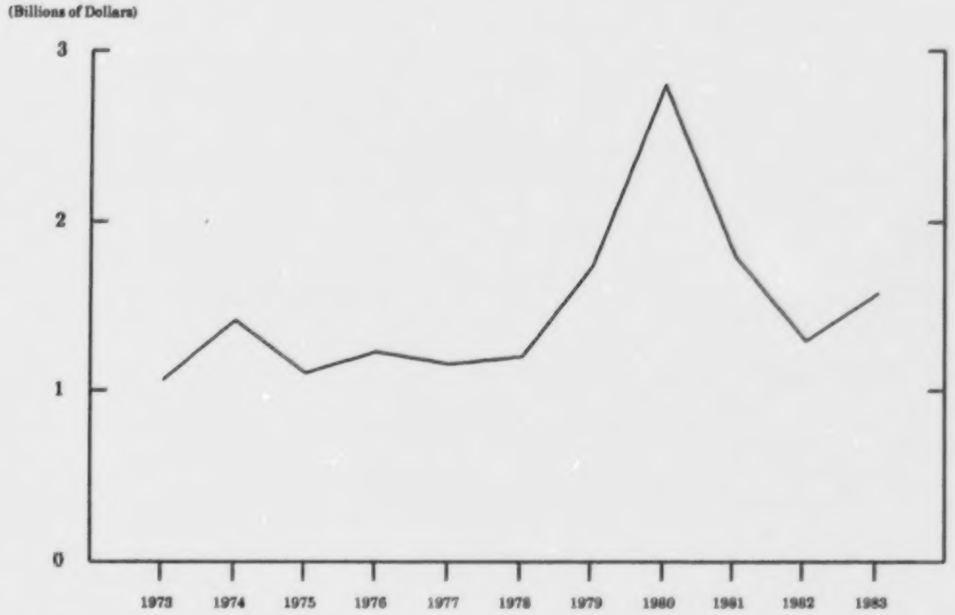
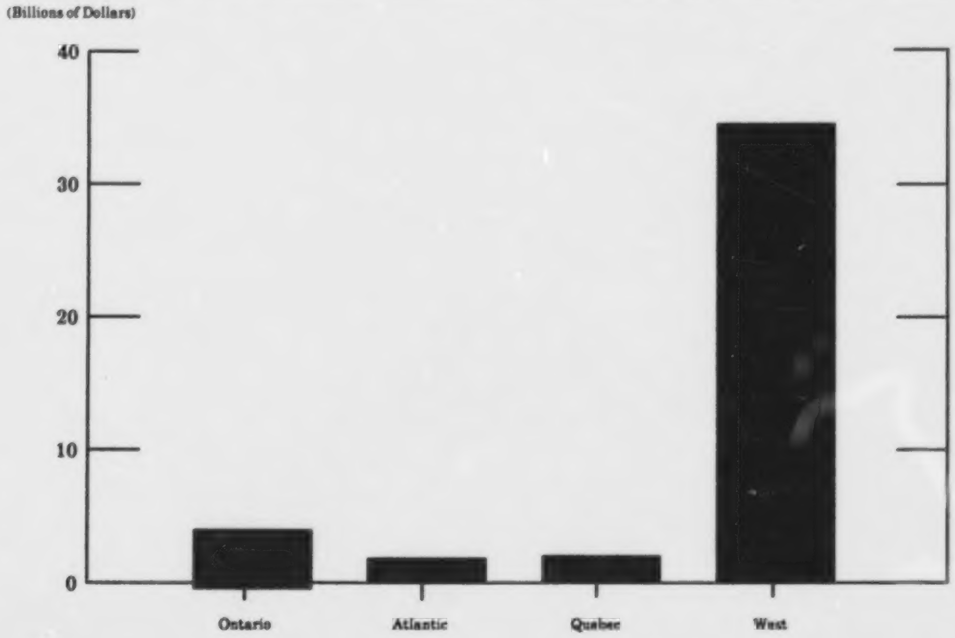
19.3 Production Value of Minerals, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984
19.4 Production of Metallic Minerals, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984
19.5 Production of Non-Metallic Minerals, Ontario, Selected Years, 1951 to 1984
19.6 Production of Fuels in Ontario, Selected Years, 1951 to 1984
19.7 Production of Structural Materials, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984
19.8 Diamond Drilling Exploration, Selected Industries, Ontario, 1971 to 1983
19.9 Mining Prospecting Activities, Ontario, 1971/72 to 1982/83
19.10 Smelting and Refining of Metallic Minerals, Ontario, 1983

Chart 19.1 Gross Domestic Product: Mines, Quarries and Oil Wells, Ontario, 1973 to 1983



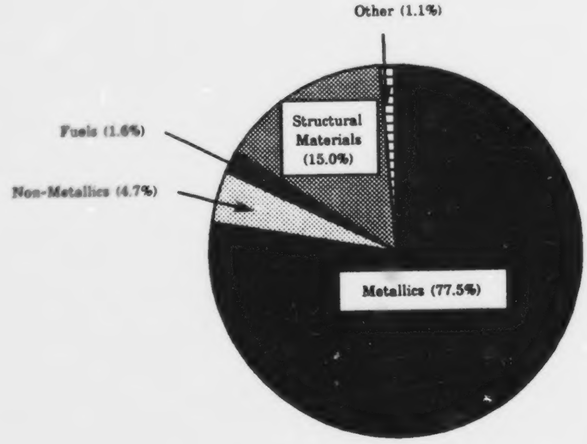
Refer to Table 19.1

Chart 19.2 Total Production Value of Minerals, Ontario and Other Regions of Canada, 1984



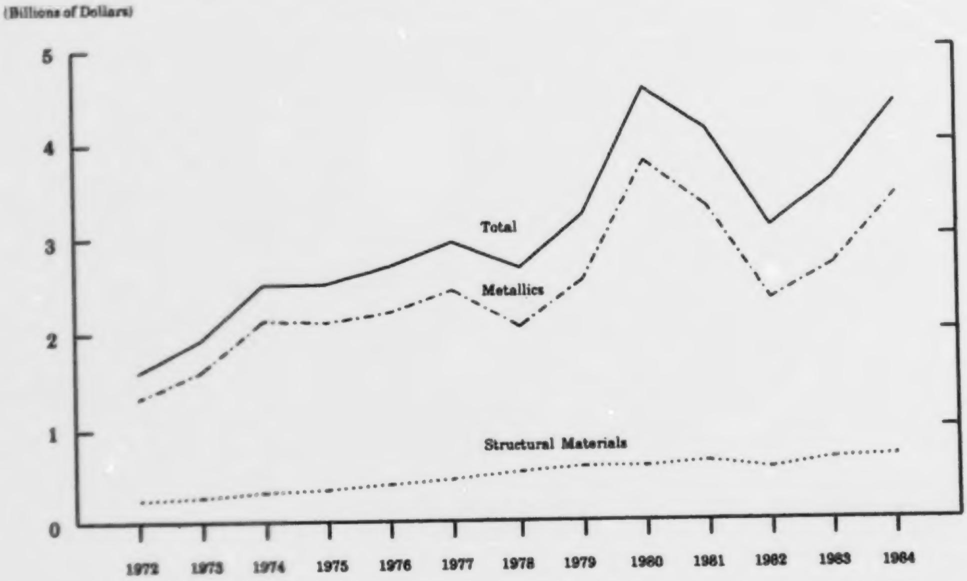
Refer to Table 19.3

Chart 19.3 Production Value of Minerals by Type, Ontario, 1984



Refer to Table 19.3

Chart 19.4 Total Production Value of Minerals, Ontario, 1972 to 1984



Refer to Table 19.3

Table 19.1 Gross Domestic Product: Mines, Quarries and Oil Wells, Ontario, 1971 to 1983

Year	Mines, Quarries, Oil Wells	% of Total G.D.P.
	$ millions	
1983	1,613.0	1.2
1982	1,327.5	1.1
1981r	1,824.8	1.6
1980r	2,821.4	2.8
1979	1,784.0	2.0
1978	1,223.9	1.5
1977	1,202.3	1.7
1976	1,264.3	1.9
1975	1,128.9	1.9
1974	1,453.8	2.8
1973	1,082.0	2.4
1972	703.8	1.8
1971	642.0	1.9

Sources: Statistics Canada, *Provincial Gross Domestic Product by Industry, (61-202).*
Provincial Economic Accounts, (13-213).

Note: Mines include milling.

Table 19.2 Principal Statistics of Mining Industries, Ontario and Other Regions of Canada, 1971 to 1982

		Total Activity		Mining Activity			
Year	Establishments	Employees	Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies	Value of Production	Value Added
	#	'000's			$ millions		
1982							
Ontario	159	29.4	766.0	146.5	899.1	2,613.5	1,567.9
Atlantic	57	12.3	309.6	107.5	512.3	1,337.6	717.8
Quebec	182	18.8	513.3	160.0	509.9	1,683.8	1,013.9
West	851	62.9	2,059.2	542.2	1,847.5	23,466.8	21,077.0
Canada	1,249	123.5	3,648.0	956.3	3,768.8	29,101.6	24,376.6
Ontario % of Canada	12.7	23.8	21.0	15.3	23.9	9.0	6.4
Ontario							
1981	160	31.5	779.7	138.1	1,238.3	3,563.8	2,187.4
1980	162	31.0	682.8	117.4	1,076.2	3,885.6	2,692.1
1979	157	26.6	541.9	106.4	836.6	2,938.1	1,995.2
1978	179	27.0	488.7	102.8	789.3	2,332.5	1,440.4
1977	188	32.9	537.4	105.9	832.2	2,340.4	1,402.2
1976	191	33.0	498.6	89.2	793.9	2,348.1	1,465.0
1975	205	32.8	440.6	70.6	712.1	2,124.4	1,341.6
1974	214	33.4	383.7	59.7	667.0	2,359.9	1,633.2
1973	210	31.6	337.1	44.5	556.2	1,792.9	1,192.2
1972	230	30.9	305.8	40.7	464.8	1,301.0	795.4
1971	244	33.6	305.5	39.0	542.7	1,298.9	717.1

Source: Statistics Canada, *General Review of the Mineral Industries, (26-201).*

Notes: 1. Mining industries consist of metallic mining, non-metallic mining, fuel industries and structural materials excluding lime, clay products and cement.

2. Cost of fuel used in the crude petroleum and natural gas industry is included in the cost of materials and supplies and excluded from cost of fuel and electricity.

3. West includes off-shore mining activity.

Table 19.3 **Production Value of Minerals, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984**

Year	Metallics	Non-metallics	Fuels	Structural Materials	Other	Total
			$ millions			
1984^{p}						
Ontario	3,434.7	209.5	74.6	665.0	50.4	4,434.2
Atlantic	1,405.3	149.9	192.9	124.4	12.9	1,885.3
Quebec	1,146.9	331.9	–	375.3	152.6	2,006.7
West	2,643.8	1,550.4	29,731.8	682.9	46.2	34,655.1
Canada	8,630.7	2,241.6	29,999.4	1,847.6	262.0	42,981.4
Ontario % of Canada	39.8	9.3	0.2	36.0	19.2	10.3
Ontario						
1983^{r}	2,695.5	166.8	62.0	638.8	25.3	3,588.4
1982	2,349.3	148.2	56.1	546.3	–	3,100.0
1981^{r}	3,319.6	137.9	45.7	627.7	–	4,130.8
1980	3,809.2	118.5	43.3	580.1	–	4,551.1
1979	2,544.6	105.4	29.7	560.3	–	3,239.9
1978	2,049.3	93.7	29.5	510.2	–	2,682.8
1977	2,436.0	89.2	16.9	432.2	–	2,974.3
1976	2,223.0	84.5	10.1	391.4	–	2,709.0
1975	2,113.1	56.2	11.6	340.6	–	2,521.4
1974	2,141.0	64.2	7.6	314.2	–	2,527.0
1973	1,587.0	57.2	6.5	269.1	–	1,919.9
1972	1,315.6	44.1	7.3	231.8	–	1,598.8
1971	1,335.2	43.9	9.1	210.6	–	1,598.8
1966	732.4	23.7	10.2	191.6	–	957.8
1961	780.8	23.6	9.2	130.1	–	943.6
1956	521.2	17.5	16.2	104.1	–	659.0
1951	367.5	12.2	10.6	60.2	–	450.6

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1984*.

Notes: 1. Preliminary estimates of minerals can vary considerably from revised figures. Sand and gravel, and stone materials are particularly difficult to estimate.

2. Other is the total of confidential values.

Table 19.4 **Production of Metallic Minerals, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984**

	Gold		Silver		Uranium		Nickel	
Year	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	'000's kg.	$ millions	'000's kg.	$ millions	'000's kg.	$ millions	'000's tonnes	$ millions
1984^p								
Ontario	26.5	399.7	506.0	177.0	4,381.0	538.7	138.4	925.9
Atlantic	0.7	10.3	142.0	49.6	–	–	–	–
Quebec	29.3	442.2	38.0	13.2	–	–	–	–
West	24.9	375.6	485.0	169.4	5,312.0	377.6	35.8	239.3
Canada	81.3	1,227.8	1,171.0	409.3	9,693.0	916.3	174.2	1,165.2
Ontario % of Canada	32.6	32.6	43.2	43.2	45.2	58.8	79.4	79.5
Ontario								
1983^r	23.3	389.3	415.0	197.9	4,767.0	535.8	88.3	550.1
1982	20.1	306.8	347.0	118.7	4,970.3	586.6	64.0	440.6
1981	18.3	333.8	328.8	137.0	4,859.5	522.0	130.3	1,001.2
1980	18.5	403.9	461.0	335.6	4,429.1	464.1	145.6	1,154.9
1979	19.2	221.5	411.9	171.8	4,005.4	375.8	88.4	556.3
1978	21.8	154.5	444.4	88.2	4,454.8	363.8	93.5	473.7
1977	23.0	116.1	524.3	82.9	3,628.0	250.7	180.0	927.5
1976	23.0	91.0	507.5	70.1	3,765.8	186.4	187.4	882.3
1975	23.5	123.7	463.7	67.2	4,065.7	164.1	179.1	811.3
1974	24.9	124.4	555.3	82.6	3,247.7	91.3	209.1	749.8
1973	28.7	89.8	610.2	49.6	3,121.4	65.2	178.4	574.8
1972	31.7	58.7	609.2	32.7	3,241.9	60.8	171.8	519.9
1971	35.3	40.1	581.1	29.1	2,696.5	44.6	195.7	583.9
1966	51.7	62.6	339.0	15.2	2,260.2	42.8	145.3	269.5
1961	82.0	93.5	275.9	8.4	5,758.6	151.1	178.0	295.4
1956	78.2	86.5	206.1	5.9	348.7	9.4	152.0	208.1
1951	76.6	91.1	190.2	5.8	. .	. .	125.1	151.2

Table 19.4 (cont'd.)

Year	Copper		Zinc		Iron Ore		Other	Total
	Quantity	Value	Quantity	Value	Quantity	Value	Value	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions	$ millions	$ millions
1984^{p}								
Ontario	291.1	552.2	294.2	414.0	4,478.0	235.1	192.1	3,434.7
Atlantic	7.9	15.1	286.3	402.9	21,670.0	867.6	59.7	1,405.3
Quebec	62.7	119.0	48.9	68.8	14,745.0	362.4	141.4	1,146.9
West	350.6	665.1	392.6	552.4	172.0	5.8	258.6	2,643.8
Canada	712.4	1,351.4	1,022.1	1,438.0	41,065.0	1,470.9	651.8	8,630.7
Ontario % of Canada	40.9	40.9	28.8	28.8	10.9	16.0	29.5	39.8
Ontario								
1983^{r}	226.8	457.3	274.8	280.5	3,816.0	183.8	100.7	2,695.5
1982	157.8	298.0	260.5	257.9	3,650.3	193.4	147.3	2,349.3
1981	226.4	521.0	246.0	286.3	5,394.6	245.5	272.9	3,319.6
1980	245.0	631.2	253.3	242.8	6,569.1	262.0	314.7	3,809.2
1979	192.9	457.5	289.4	278.9	7,874.9	287.2	195.6	2,544.6
1978	197.0	324.0	277.5	212.6	9,600.0	308.4	124.1	2,049.3
1977	279.9	428.0	295.4	231.4	10,319.7	287.8	111.6	2,436.0
1976	260.2	391.4	317.2	263.1	10,080.8	252.3	86.4	2,223.0
1975	257.8	361.4	335.9	277.7	9,503.8	219.0	88.7	2,113.1
1974	283.9	484.0	435.5	335.1	10,905.8	180.1	93.7	2,141.0
1973	260.7	365.3	414.0	220.4	11,271.2	152.5	69.4	1,587.0
1972	262.8	293.5	366.1	153.9	10,664.3	139.5	56.6	1,315.6
1971	274.3	317.5	331.8	122.4	10,141.1	136.2	61.4	1,335.2
1966	184.1	181.4	74.7	24.9	7,388.4	91.7	44.3	732.4
1961	192.0	122.4	47.1	13.1	5,236.9	62.4	34.5	780.8
1956	141.8	128.6	1.1	0.4	5,042.3	44.2	38.1	521.2
1951	116.9	70.9	–	–	2,578.2	21.2	. .	367.5

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1984*.

Note: Other includes minerals such as calcium, lead, platinum group, and tin.

Table 19.5 Production of Non-Metallic Minerals, Ontario, Selected Years, 1951 to 1984

Year	Gypsum		Peat		Quartz	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1984^{p}	1,104.0	13.4	7.0	0.8	390.0	10.4
1983^{r}	907.0	9.9	5.0	0.7	387.0	10.6
1982	574.4	5.5	4.7	0.9	265.0	7.8
1981	649.5	5.5	9.2	1.2	427.2	9.8
1980	740.0	5.7	7.7	0.9	398.8	8.2
1979	743.5	4.8	7.0	0.7	980.3	9.0
1978	755.7	4.5	8.3	0.8	846.5	7.0
1977	699.4	4.0	6.7	0.6	1,043.1	6.1
1976	574.0	2.7	8.7	0.8	1,126.9	5.2
1975	630.6	2.9	10.4	0.9	1,096.2	4.4
1974	702.5	2.8	9.0	0.5	1,122.0	3.9
1973	684.3	2.4	8.1	0.5	1,071.7	3.4
1972	659.1	2.2	12.3	0.6	1,068.4	2.8
1971	634.2	1.7	17.2	0.7	1,114.4	2.1
1966	512.7	1.6	1.5	--	1,053.3	0.9
1961	385.8	1.0	13.7	0.3	1,397.1	0.8
1956	332.9	0.8	3.0	0.1	1,425.9	1.4
1951	238.2	0.7	1.6	0.1	1,401.7	1.5

Table 19.5 (cont'd.)

Year	Salt Quantity	Salt Value	Sulphur Quantity	Sulphur Value	Other Value	Total Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	$ millions	$ millions
1984^{p}	6,502.0	124.4	444.0	34.3	26.2	209.5
1983^{r}	5,480.0	98.7	339.0	19.7	27.2	166.8
1982	5,461.2	93.2	311.7	17.6	23.2	148.2
1981	4,968.5	80.9	446.8	18.6	21.9	137.9
1980	4,871.1	71.4	541.7	13.4	18.9	118.5
1979	5,188.7	67.9	336.3	6.9	16.1	105.4
1978	4,865.2	61.7	300.0	5.1	14.6	93.7
1977	4,486.5	57.1	377.8	7.9	13.5	89.2
1976	4,489.1	52.5	364.3	9.6	13.7	84.5
1975	3,763.0	32.3	343.5	4.8	10.9	56.2
1974	4,042.7	40.2	382.7	5.7	11.1	64.2
1973	3,775.2	33.2	367.6	5.4	12.3	57.2
1972	3,663.0	24.5	354.8	3.4	10.6	44.1
1971	3,784.3	24.1	338.1	3.4	11.9	43.9
1966	3,431.1	15.2	146.2	1.5	4.5	23.7
1961	2,596.1	13.6	76.8	0.9	7.0	23.6
1956	1,222.6	7.9	48.5	0.5	6.8	17.5
1951	700.9	4.8	14.2	0.2	4.9	12.2

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1984.*

Notes: 1. Sulphur includes sulphur elemental and sulphur smelter gas.
2. Other includes barite, nepheline syenite and soapstone.

Table 19.6 Production of Fuels in Ontario, Selected Years, 1951 to 1984

Year	Natural Gas Quantity	Natural Gas Value	Petroleum Crude Quantity	Petroleum Crude Value	Total Value
	millions cu. m.	$ millions	'000's cu. m.	$ millions	$ millions
1984^{p}	453.0	57.0	92.0	17.6	74.6
1983^{r}	459.0	45.9	85.0	16.1	62.0
1982	436.4	41.4	85.6	14.8	56.1
1981	419.3	34.6	90.0	11.1	45.7
1980	445.2	33.5	93.9	9.8	43.3
1979	292.0	21.4	92.0	8.3	29.7
1978	356.1	21.4	94.4	8.2	29.5
1977	241.5	10.3	98.0	6.6	16.9
1976	140.4	4.9	98.7	5.2	10.1
1975	309.6	6.5	111.9	5.0	11.6
1974	213.4	3.2	116.7	4.3	7.6
1973	269.8	3.7	128.6	2.9	6.5
1972	350.4	4.8	139.6	2.5	7.3
1971	460.4	6.3	152.3	2.7	9.1
1966	440.0	5.9	210.5	4.2	10.2
1961	411.8	5.6	182.7	3.5	9.2
1956	362.8	14.2	94.3	2.0	16.2
1951	239.1	10.0	31.3	0.7	10.6

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1984.*

Note: In 1960 the method of evaluating natural gas changed from assessment at retail level to assessment at wellhead.

Table 19.7 Production of Structural Materials, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984

Year	Cement Quantity	Cement Value	Clay Products Quantity	Clay Products Value	Lime Quantity	Lime Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1984p						
Ontario	3,100.0	222.9	. .	86.1	1,545.0	91.0
Atlantic	. .	36.2	. .	11.9	. .	5.5
Quebec	2,675.0	146.6	. .	20.4	335.0	24.2
West	2,365.0	261.4	. .	22.5	261.0	27.1
Canada	8,140.0	667.1	. .	140.9	2,141.0	147.7
Ontario % of Canada	38.1	33.4	. .	61.1	72.2	61.6
Ontario						
1983r	3,201.0	212.3	. .	73.3	1,586.0	89.3
1982	3,007.4	185.0	. .	51.1	1,539.6	82.8
1981	3,787.2	205.1	. .	66.7	1,836.2	94.7
1980	4,067.3	190.8	. .	58.1	1,683.4	74.4
1979	4,117.2	182.3	. .	60.8	1,317.9	51.9
1978	3,950.9	160.2	. .	57.1	1,341.8	48.5
1977	3,647.3	138.8	. .	53.8	1,203.8	40.0
1976	3,720.0	126.1	. .	52.1	1,166.4	35.3
1975	3,736.6	110.9	. .	44.8	1,064.3	27.1
1974	4,166.0	102.4	. .	39.1	1,282.9	26.3
1973	3,918.4	86.6	. .	34.6	1,186.0	20.6
1972	3,412.1	76.2	. .	31.6	1,081.5	18.5
1971	3,239.0	68.3	. .	29.8	1,058.7	16.9
1966	2,941.6	52.7	. .	25.8	978.3	12.2
1961	2,020.2	35.7	. .	19.0	784.8	11.5
1956	1,315.8	21.5	. .	19.1	610.9	8.3
1951	863.3	12.5	. .	10.5	562.2	6.9

Table 19.7 (cont'd.)

Year	Sand & Gravel		Stone		Total
	Quantity	Value	Quantity	Value	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	$ millions
1984p					
Ontario	50,000.0	120.0	30,000.0	145.0	665.0
Atlantic	17,881.0	48.9	3,930.0	21.9	124.4
Quebec	30,518.0	59.5	28,237.0	124.6	375.3
West	106,950.0	316.1	9,380.0	55.8	682.9
Canada	205,349.0	544.5	71,547.0	347.4	1,847.6
Ontario % of Canada	24.3	22.0	41.9	41.7	36.0
Ontario					
1983r	53,582.0	120.2	33,832.0	143.7	638.8
1982	53,567.9	116.6	28,487.6	110.8	546.3
1981	70,191.4	134.3	37,546.3	126.9	627.7
1980	77,580.3	134.0	36,006.3	122.9	580.1
1979	90,515.6	151.8	39,831.0	113.5	560.3
1978	87,845.8	142.7	38,139.2	101.6	510.2
1977	75,400.4	121.8	28,869.1	77.9	432.2
1976	68,802.0	106.1	28,165.4	71.9	391.4
1975	69,705.4	95.6	27,525.9	62.2	340.6
1974	72,560.9	85.5	31,261.3	60.9	314.2
1973	73,089.7	74.4	32,240.7	52.9	269.1
1972	69,290.8	64.3	28,205.7	41.2	231.8
1971	70,425.7	57.1	25,617.5	38.5	210.6
1966	85,387.8	67.2	23,317.2	33.6	191.6
1961	63,691.8	40.3	16,657.6	23.5	130.1
1956	55,734.1	34.4	14,274.2	20.8	104.1
1951	35,578.0	19.9	7,330.1	10.4	60.2

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1984*.

Table 19.8 Diamond Drilling Exploration, Selected Industries, Ontario, 1971 to 1983

Year	Gold Quartz	Uranium	Iron	Copper-gold-silver	Nickel-copper	Silver-cobalt
			'000's metres			
1983	121.8	41.0	--	64.8	62.7	38.5
1982	97.9	52.3	9.1	50.9	81.7	24.5
1981	106.2	57.3	11.2	74.2	139.2	21.3
1980	72.6	55.4	–	74.5	140.7	11.1
1979	92.6	58.1	10.5	51.6	94.2	18.1
1978	61.2	55.3	16.7	28.3	94.2	22.6
1977	48.6	45.2	4.8	90.4	172.0	21.7
1976	63.0	26.7	2.3	106.0	208.1	13.0
1975	101.0	15.5	4.8	96.8	211.6	19.5
1974	114.7	12.7	7.0	116.0	245.9	19.4
1973	97.1	14.7	7.2	88.0	315.3	20.8
1972	62.7	15.3	4.8	110.0	334.3	20.7
1971	86.7	14.7	4.3	131.3	460.9	27.1

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1984*.

Note: Diamond drilling exploration includes on property exploration, testing and ore outline drilling.

Table 19.9 Mining Prospecting Activities, Ontario, 1971/72 to 1982/83

Year	Mining Claims			Miners' Licences		Quarry Permits Issued	Assessment Work (Days)
	Recorded	Cancelled	In Good Standing	Issued	Renewed		
				'000's			
1982/83	55.9	24.4	113.2	2.0	3.2	1.4	1,516.2
1981/82	26.1	17.7	76.1	1.9	2.8	1.5	1,565.2
1980/81	36.5	11.3	72.8	2.1	2.7	1.2	972.5
1979/80	16.9	11.0	36.1	1.3	1.9	1.3	437.6
1978/79	13.0	16.4	37.7	1.0	1.7	1.2	752.2
1977/78	14.7	20.8	41.5	0.9	2.0	1.1	644.8
1976/77	21.0	21.1	49.1	1.2	2.4	0.8	672.4
1975/76	20.3	14.9	44.1	1.1	2.6	0.8	697.3
1974/75	20.3	20.0	47.8	1.1	2.0	0.8	800.0
1973/74	20.7	17.6	44.2	1.2	2.1	0.7	784.2
1972/73	18.2	30.1	45.1	1.3	2.6	0.7	598.3
1971/72	19.3	37.8	57.2	1.2	3.0	0.6	857.9

Source: Ministry of Natural Resources, *Statistics*.

Notes: 1. Data are for year ending March 31.
2. Assessment Work refers to mining man-days spent in manual labour, drilling, surveying, assaying, bulldozing, etc.

Table 19.10 Smelting and Refining of Metallic Minerals, Ontario, 1983

	Ontario Mine Production	Smelted In			Refined In		
		Ontario	Other Provinces	Outside Canada	Ontario	Other Provinces	Outside Canada
	tonnes			percent			
Cadmium	668	64.2	34.3	1.5	64.2	34.3	1.5
Calcium	399	100.0	–	–	100.0	–	–
Cobalt	1,025	100.0	–	–	31.8	–	68.1
Copper	226,796	66.3	33.5	0.1	56.5	33.5	10.0
Gold	23	88.8	7.3	3.9	88.8	7.3	3.9
Iron Ore	3,815,699	95.4	–	4.6	95.4	–	4.6
Lead	6,544	38.2	61.8	–	–	61.8	38.2
Magnesium	5,980	100.0	–	–	100.0	–	–
Nickel	88,292	100.0	–	–	60.3	0.1	43.6
Platinum Group	7	100.0	–	–	–	–	100.0
Silver	415	18.2	70.1	11.8	16.4	70.1	13.5
Zinc	274,819	36.2	36.7	27.0	36.2	36.7	27.0

Source: Ministry of Natural Resources, *Ontario Mineral Score*, 1984.

Chapter 20
Manufacturing

Manufacturing

Manufacturing is the largest single sector in the Ontario economy, accounting for more than one quarter of gross domestic product and about the same proportion of total employment. More than 50% of all value added in Canadian manufacturing originates in Ontario.

Manufacturing is carried out primarily by the private sector, but the federal and provincial governments play important supporting roles. The Ontario government operates programs designed to promote domestic and international trade, to encourage investment opportunities and to strengthen the competitiveness of Ontario's industrial base, while the federal government exercises broadly similar responsibilities in respect of Canada as a whole.

The data in this chapter describe the structure of manufacturing in Ontario in terms of:

- gross domestic product;
- principal statistics;
- products shipped by manufacturers.

Information on trade in manufactured goods, both international and interprovincial, is covered in Chapter 13, Trade, while more data on employment in manufacturing can be found in Chapter 8, Labour Force and Employment. Some additional statistics on manufactured wood products and mineral products are covered in Chapter 18, Forest Industries and in Chapter 19, Mining.

Sources of Data

Estimates of gross domestic product at factor cost for twenty major manufacturing industries are compiled by the Industry Measures and Analysis Division of Statistics Canada and published in *Provincial Gross Domestic Product by Industry, (61-202)*. For a more detailed discussion of the gross domestic product concept see Chapter 11, Economic Overview.

The basic source of information in this area is the Census of Manufactures carried out annually by the Industry Division of Statistics Canada. Responses to this survey are collected from some 36,000 establishments across Canada, each classified to a particular industry, according to the Standard Industrial Classification, on the basis of its principal product. The census provides principal statistics which include number of establishments, employment, wages and salaries, energy costs, cost of material and supplies, value of shipments and value added, as well as data on major products of manufacturers. The principal statistics are available for both manufacturing activity only and for total activity which includes the resale of goods purchased from other suppliers.

Value added for manufacturing activity is defined as the sum of the value of shipments of goods of own manufacture plus net change in inventory of goods in process and finished goods, minus the cost of materials and supplies used and the cost of fuel and electricity. This concept is very closely related to the value added approach of gross domestic product by industry but there are some differences in treatment which result in slightly different numbers. Estimates of gross domestic product for manufacturing industries do not include the cost of service inputs, while value added from the Census of Manufactures does. The gross domestic product data should therefore be used when making comparisons between total manufacturing and other major industrial groupings.

Statistics Canada publishes a number of summary reports for Canada and the provinces (series 31). The main publication dealing with provincial data is *Manufacturing Industries of Canada: National and Provincial Areas, (31-203)*, which is issued annually. Aggregate data are also available on CANSIM. As well, more than 120 reports on specific individual industries are published in series 32 to 47. Further information about the Census of Manufactures is available in *Concepts and Definitions of the Census of Manufactures, (31-528)*, or from the Industry Division of Statistics Canada, telephone Ottawa, 990-9820.

Because of the scope of the Census of Manufactures, data for most industries are available only after a lag of eighteen months or more following the reference period. More current data on manufacturing shipments are available from Statistics Canada in their monthly publication, *Inventories, Shipments and Orders in Manufacturing Industries, (31-001)*. The estimates in this publication are monthly projections of the annual Census of Manufactures values based on returns of a stratified sample of establishments. These projections are benchmarked to the annual census data as they become available.

The Company Information Centre of the Ministry of Industry, Trade and Technology, telephone Toronto, 965-7972, maintains a databank of manufacturing companies in Ontario. In 1983, an extensive survey of manufacturers was conducted to develop company profiles, with the database continually updated by Ministry field staff. Information on product lines and employee size for individual companies is published in the 1986 edition of *Made in Ontario.*

Other possible sources of data on manufacturing include trade associations such as the Canadian Manufacturers' Association (CMA). The CMA Servicentre, which provides information to its members and to the general public, can be reached from Toronto, telephone 363-1474, or toll free from other parts of Ontario at 1-800-268-9684.

Manufacturing

Charts:

20.1 Annual Gross Domestic Product, Manufacturing, Ontario, 1973 to 1983
20.2 Principal Statistics, Manufacturing, Ontario, 1972 to 1982
20.3 Manufacturing: Value of Shipments, Value Added by Industry Group, Ontario, 1982
20.4 Manufacturing Value Added and Production and Related Workers, Ontario and Other Regions of Canada, 1982

Tables:

20.1 Gross Domestic Product, Manufacturing by Industry, Ontario, 1971 to 1983
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20.6 Value of Shipments in Manufacturing, Ontario Compared to Canada, 1983 and 1984
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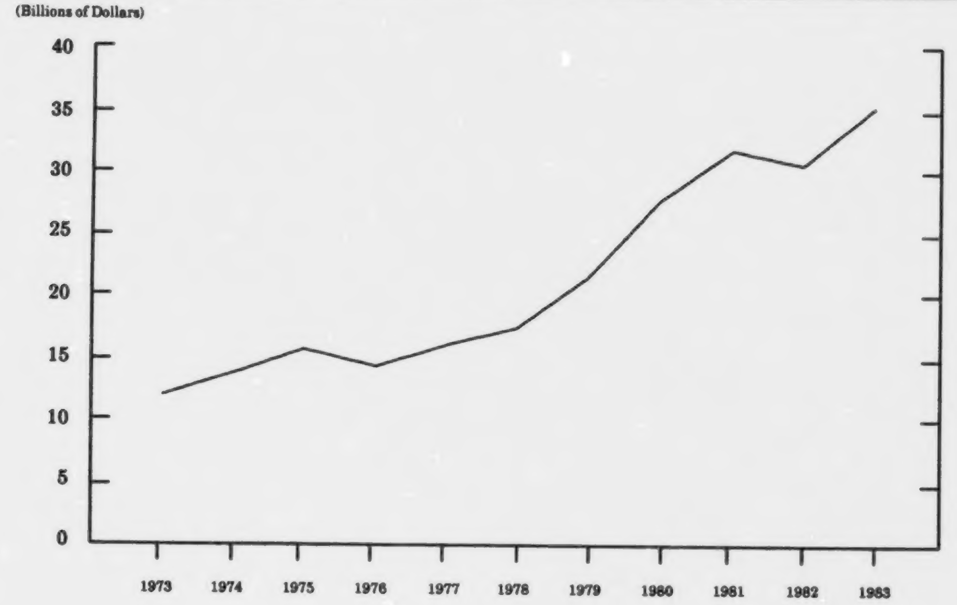
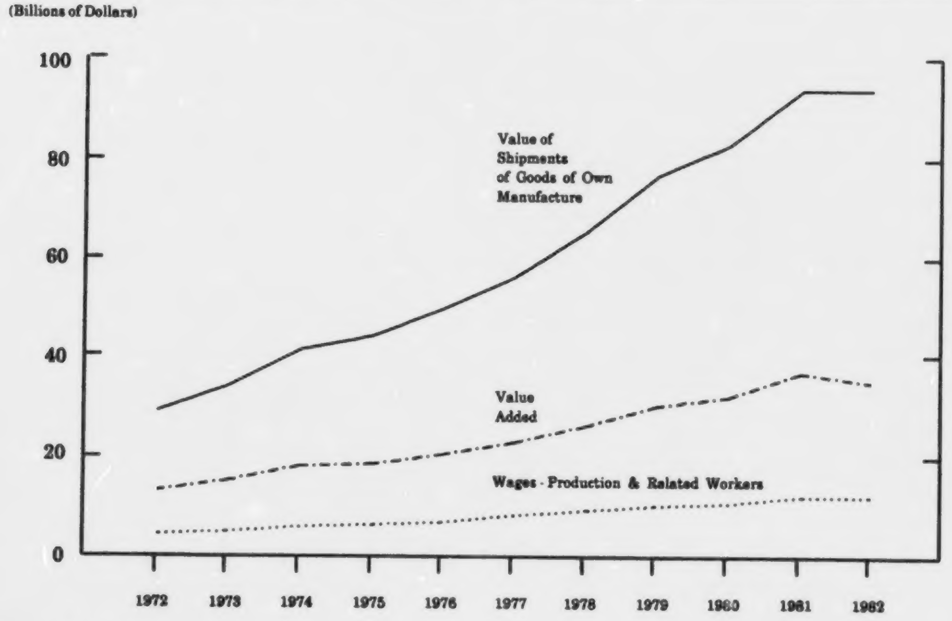
Chart 20.1 Annual Gross Domestic Product, Manufacturing, Ontario, 1973 to 1983



Refer to Table 11.14

Chart 20.2 Principal Statistics, Manufacturing, Ontario, 1972 to 1982



Refer to Table 20.2

Chart 20.3 Manufacturing: Value of Shipments, Value Added by Industry Group, Ontario, 1982

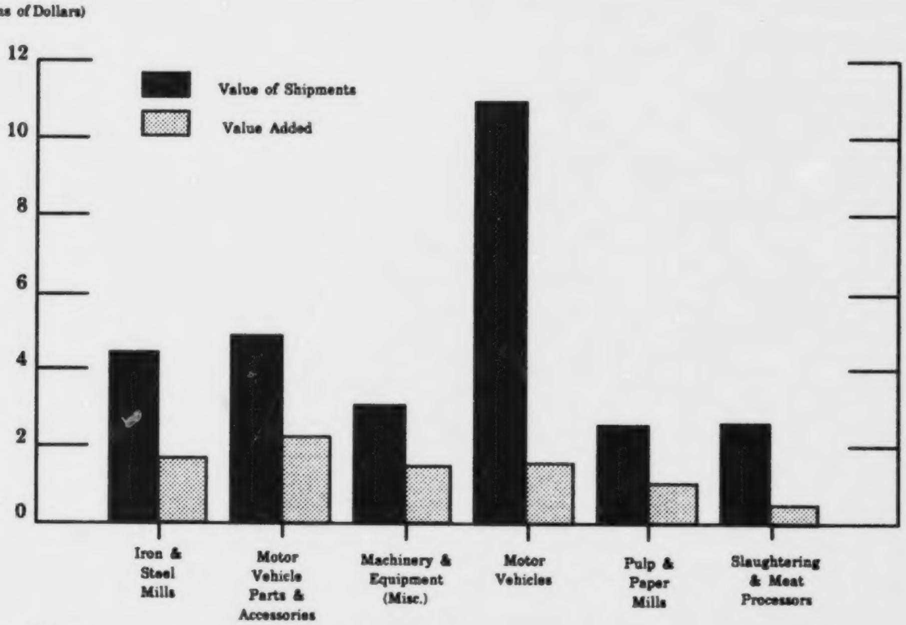


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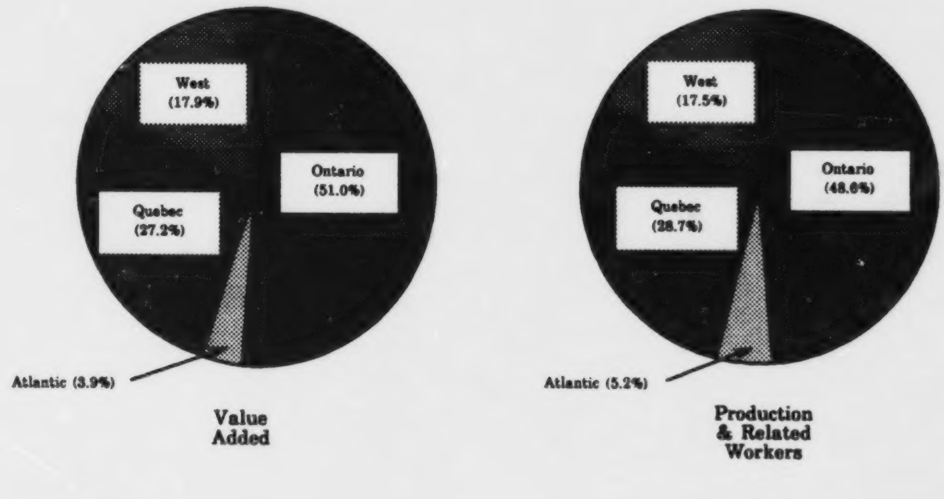
Chart 20.4 Manufacturing Value Added and Production and Related Workers, Ontario and Other Regions of Canada, 1982



Refer to Table 20.2

Table 20.1 Gross Domestic Product, Manufacturing by Industry, Ontario, 1971 to 1983

	Food & Beverages		Tobacco Products		Rubber & Plastic Products	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1983	4,294.1	3.2	222.8	0.2	1,287.7	1.0
1982	3,879.0	3.2	199.8	0.2	1,159.1	1.0
1981^{r}	3,442.6	3.0	183.1	0.2	1,178.9	1.0
1980^{r}	3,030.9	3.0	149.2	0.1	1,079.0	1.1
1979	2,703.1	3.0	129.7	0.1	993.8	1.1
1978	2,402.9	3.0	127.5	0.2	822.6	1.0
1977	2,195.3	3.0	171.5	0.2	725.5	1.0
1976	2,059.5	3.1	114.6	0.2	637.6	1.0
1975	1,848.0	3.2	120.5	0.2	566.6	1.0
1974	1,522.4	2.9	99.4	0.2	592.2	1.1
1973	1,440.3	3.2	84.4	0.2	532.7	1.2
1972	1,240.9	3.2	88.1	0.2	449.9	1.2
1971	1,132.9	3.3	80.3	0.2	378.6	1.1

Table 20.1 (cont'd.)

	Leather		Textiles		Knitting Mills & Clothing Industries	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1983	261.5	0.2	1,101.3	0.8	653.4	0.5
1982	228.8	0.2	838.4	0.7	612.0	0.5
1981^{r}	258.8	0.2	965.1	0.8	623.6	0.5
1980^{r}	228.3	0.2	787.6	0.8	568.7	0.6
1979	189.5	0.2	718.0	0.8	522.4	0.6
1978	178.4	0.2	624.7	0.8	433.8	0.5
1977	146.2	0.2	546.8	0.8	374.3	0.5
1976	147.4	0.2	477.7	0.7	348.2	0.5
1975	124.7	0.2	402.7	0.7	297.9	0.5
1974	110.7	0.2	435.9	0.8	258.7	0.5
1973	92.5	0.2	397.3	0.9	232.5	0.5
1972	79.5	0.2	357.8	0.9	214.4	0.5
1971	83.5	0.2	305.8	0.9	193.5	0.5

Table 20.1 (cont'd.)

	Wood		Furniture & Fixtures		Paper & Allied Products	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$millions	
1983	608.5	0.5	679.0	0.5	1,884.9	1.4
1982	455.5	0.4	597.2	0.5	1,676.1	1.4
1981^{r}	529.9	0.5	660.3	0.6	1,851.1	1.6
1980^{r}	486.5	0.5	543.0	0.5	1,720.7	1.7
1979	536.4	0.6	468.3	0.5	1,436.8	1.6
1978	437.2	0.5	399.0	0.5	1,149.9	1.4
1977	364.6	0.5	347.3	0.5	1,063.7	1.5
1976	301.3	0.4	347.5	0.5	964.7	1.4
1975	269.7	0.5	310.2	0.5	842.5	1.4
1974	285.1	0.5	292.1	0.6	1,045.2	2.0
1973	261.3	0.6	257.0	0.6	711.8	1.6
1972	185.7	0.5	216.7	0.6	592.9	1.5
1971	143.8	0.4	171.4	0.5	541.5	1.6

Table 20.1 (cont'd.)

	Printing, Publishing & Allied		Primary Metals		Metal Fabricating	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$millions	
1983	2,078.4	1.6	2,782.9	2.1	2,756.9	2.1
1982	1,790.6	1.5	2,453.6	2.1	2,613.9	2.2
1981^{r}	1,679.7	1.5	2,899.8	2.5	2,983.1	2.6
1980^{r}	1,493.7	1.5	2,626.1	2.6	2,648.5	2.6
1979	1,284.3	1.4	2,521.0	2.8	2,468.8	2.7
1978	1,143.4	1.4	2,107.6	2.6	2,135.6	2.7
1977	999.9	1.4	1,897.8	2.6	1,889.3	2.6
1976	902.9	1.3	1,700.4	2.5	1,830.0	2.7
1975	809.7	1.4	1,476.9	2.5	1,593.1	2.7
1974	720.0	1.4	1,457.0	2.8	1,586.7	3.0
1973	643.1	1.4	1,288.9	2.9	1,257.2	2.8
1972	548.6	1.4	1,127.6	2.9	1,066.8	2.8
1971	480.0	1.4	1,063.5	3.1	976.0	2.8

Table 20.1 (cont'd.)

	Machinery		Transportation Equipment		Electrical Products	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1983	1,967.5	1.5	5,944.2	4.5	2,803.8	2.1
1982	2,060.2	1.7	4,107.0	3.4	2,916.3	2.4
1981^{r}	2,284.1	2.0	4,053.4	3.5	2,868.5	2.5
1980^{r}	2,153.1	2.1	3,267.3	3.2	2,345.7	2.3
1979	1,875.6	2.1	4,062.3	4.5	2,139.2	2.4
1978	1,483.7	1.8	3,885.1	4.8	1,747.6	2.2
1977	1,228.8	1.7	3,433.8	4.7	1,581.6	2.2
1976	1,121.2	1.7	2,901.0	4.3	1,541.7	2.3
1975	1,051.0	1.8	2,461.5	4.2	1,416.3	2.4
1974	980.0	1.9	2,669.6	5.1	1,384.4	2.6
1973	749.2	1.7	2,423.5	5.4	1,243.0	2.8
1972	666.2	1.7	2,060.4	5.3	1,009.2	2.6
1971	621.0	1.8	1,722.1	5.0	871.9	2.5

Table 20.1 (cont'd.)

	Non-Metallic Mineral Products		Petroleum & Coal Products		Chemicals & Chemical Products	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1983	974.9	0.7	675.4	0.5	2,946.5	2.2
1982	813.2	0.7	431.7	0.4	2,374.7	2.0
1981^{r}	895.9	0.8	541.3	0.5	2,505.4	2.2
1980^{r}	848.6	0.8	364.3	0.4	2,172.1	2.1
1979	873.5	1.0	244.4	0.3	1,959.0	2.2
1978	756.3	0.9	220.6	0.3	1,488.7	1.9
1977	657.7	0.9	256.0	0.4	1,326.2	1.8
1976	647.4	1.0	202.3	0.3	1,249.8	1.9
1975	587.4	1.0	148.2	0.3	1,098.9	1.9
1974	568.1	1.1	143.2	0.3	1,063.5	2.0
1973	507.6	1.1	103.2	0.2	831.0	1.9
1972	427.2	1.1	99.4	0.3	696.7	1.8
1971	372.9	1.1	89.0	0.3	673.6	2.0

Table 20.1 (cont'd.)

	Miscellaneous Manufacturing		Total Manufacturing	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions	
1983	1,208.1	0.9	35,131.8	26.4
1982	1,217.4	1.0	30,424.5	25.4
1981^r	1,150.6	1.0	31,555.2	27.5
1980^r	1,007.5	1.0	27,520.8	27.2
1979^r	889.4	1.0	26,015.5	28.7
1978	760.9	0.9	22,305.5	27.8
1977	688.8	0.9	19,895.1	27.3
1976	683.3	1.0	18,178.5	27.1
1975	586.2	1.0	16,012.0	27.4
1974	543.8	1.0	15,758.0	30.0
1973	467.8	1.0	13,524.3	30.3
1972	420.5	1.1	11,548.5	29.8
1971	370.6	1.1	10,271.9	29.8

Sources: Statistics Canada, *Provincial Gross Domestic Product by Industry*, (61-202).
Provincial Economic Accounts, (13-213).

Table 20.2 Principal Statistics of Manufacturing Industry, Ontario and Other Regions of Canada, Selected Years, 1961 to 1982

		Manufacturing Activity Only						
		Production & Related Workers						
Year	Establishments	Male	Female	Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value of Shipments of Goods of Own Manufacture	Value Added
		number				$ millions		
1982								
Ontario	14,822	444,518	145,131	11,819.7	2,558.4	55,969.9	93,939.3	35,163.6
Atlantic	1,794	48,078	14,385	1,124.1	496.7	5,220.8	8,478.1	2,686.7
Quebec	10,753	257,186	91,147	6,456.8	1,674.4	28,205.1	49,179.4	18,745.2
West	8,465	175,607	36,372	4,861.0	1,298.7	22,663.8	36,336.0	12,369.1
Canada	35,834	925,389	287,035	24,261.6	6,028.2	112,059.6	187,932.9	68,964.5
Ontario % of Canada	41.4	48.0	50.6	48.7	42.4	49.9	50.0	51.0
Ontario								
1981^r	14,553	486,648	156,664	11,843.3	2,357.0	55,798.6	93,989.5	37,036.5
1980	14,454	493,844	154,921	10,696.8	1,932.4	48,925.3	82,171.1	32,246.7
1979	14,104	506,432	154,220	10,019.4	1,739.0	45,394.1	76,220.2	30,327.5
1978	13,079	485,368	148,131	8,830.7	1,536.3	38,110.2	65,111.9	25,910.5
1977	11,414	467,174	138,622	7,899.0	1,310.7	32,256.2	55,590.9	22,554.7
1976	11,879	471,917	144,424	7,254.0	1,065.4	28,660.8	49,646.1	20,362.4
1975	12,245	470,463	142,282	6,316.6	791.5	25,560.1	44,422.8	18,357.8
1974	12,662	482,307	150,543	5,914.1	692.7	23,577.7	41,404.4	18,128.8
1973	12,397	471,403	145,532	5,186.7	554.6	19,081.9	34,322.2	15,055.4
1972	12,589	449,090	134,842	4,507.4	491.7	16,020.2	29,225.0	12,869.8
1971	12,740	437,090	126,774	4,020.6	455.8	14,250.7	26,270.6	11,596.5
1966	12,986	453,888	124,671	2,912.7	339.7	10,712.9	19,452.6	8,648.2
1961	12,419	343,026	90,033	1,739.1	237.4	6,129.2	11,563.7	5,244.8

Table 20.2 (cont'd.)

	Total Activity								
	Working Owners & Partners	Administrative, Office & Other Non-manufacturing Employees			Total Employees		Cost of Materials, Supplies & Goods for Resale	Value of Shipments & Other Revenue	Value Added
Year		Male	Female	Salaries	Number	Salaries & Wages			
		number		$ millions			$ millions		
1982									
Ontario	2,147	176,915	81,839	7,130.1	848,403	18,949.8	70,277.3	111,214.1	38,131.0
Atlantic	343	15,349	5,198	485.2	83,010	1,609.3	6,248.9	9,678.9	2,859.4
Quebec	1,959	95,600	38,404	3,459.1	482,337	9,915.9	32,543.9	54,293.1	19,520.1
West	956	59,532	23,589	2,359.5	295,100	7,220.4	25,127.1	39,243.4	12.813.1
Canada	5,405	347,396	149,030	13,433.8	1,708,850	37,695.4	134,197.2	214,429.4	73,323.5
Ontario % of Canada	39.7	50.9	54.9	53.1	49.6	50.3	52.4	51.9	52.0
Ontario									
1981ʳ	2,276	185,051	83,697	6,627.2	912,060	18,470.5	70,558.9	111,600.6	39,887.3
1980	2,520	180,789	80,410	5,757.6	909,964	16,454.3	62,111.3	97,921.8	34,811.4
1979	2,634	177,358	75,602	5,081.0	913,612	15,100.3	58,967.7	92,213.2	32,746.9
1978	2,438	174,790	72,517	4,539.2	880,806	13,369.3	49,193.8	78,072.3	27,787.3
1977	1,926	169,244	68,288	4,082.0	843,328	11,981.0	42,289.2	67,340.7	24,271.4
1976	2,265	168,443	67,027	3,717.3	851,811	10,971.3	36,869.4	59,588.0	22,095.6
1975	2,777	170,939	66,607	3,356.5	850,291	9,673.1	32,763.8	53,355.9	20,122.9
1974	2,798	180,836	70,044	3,160.0	883,730	9,074.1	30,003.0	49,431.2	19,920.5
1973	3,460	177,593	67,239	2,761.2	861,767	7,948.0	24,033.8	40,569.1	16,441.8
1972	3,828	176,676	63,006	2,482.2	821,614	6,989.6	19,991.9	34,337.8	14,050.1
1971	4,032	174,049	62,134	2,305.9	800,047	6,326.5	17,687.8	30,611.1	12,537.2
1966	5,101	177,972	63,856	1,659.0	820,387	4,571.7	12,562.3	21,833.6	9,209.6
1961	5,973	152,407	53,291	1,120.6	638,757	2,859.7	7,095.4	12,821.7	5,553.2

Source: Statistics Canada, *Manufacturing Industries of Canada: National and Provincial Areas*. (31-203).

Table 20.3 Principal Statistics of Manufacturing Industry by Type of Ownership, Ontario, 1982

	Estab-lishments	Manufacturing Activity Only						
		Production & Related Workers			Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value of Shipments of Goods of Own Manufacture	Value Added
		Male	Female	Wages				
		number				$ millions		
Individual Ownership	1,254	1,682	735	31.2	2.7	77.1	150.8	71.2
Partnership	462	1,748	1,420	47.5	9.3	246.7	385.6	130.0
Incorporated Companies	13,074	440,508	142,747	11,726.7	2,541.9	55,439.9	93,147.1	34,913.7
Co-operatives	32	580	229	14.3	4.5	206.1	255.8	48.7
Total	14,822	444,518	145,131	11,819.7	2,558.4	55,969.9	93,939.3	35,163.6

Table 20.3 (cont'd.)

	Total Activity								
	Working Owners & Partners	Administrative, Office & Other Non-manufacturing Employees			Total Employees		Cost of Materials, Supplies & Goods for Resale	Value of Shipments & Other Revenue	Value Added
		Male	Female	Salaries	Number	Salaries & Wages			
		number		$ millions				$ millions	
Individual Ownership	1,233	112	146	5.3	2,675	36.6	80.6	156.4	73.3
Partnership	914	337	214	13.9	3,719	61.3	279.6	424.7	136.2
Incorporated Companies	–	176,246	81,331	7,102.7	840,832	18,829.5	69,615.7	110,271.5	37,862.5
Co-operatives	–	220	148	8.1	1,177	22.4	301.4	361.4	[illegible]9.0
Total	2,147	176,915	81,839	7,130.1	848,403	18,949.8	70,277.3	111,214.1	38,131.0

Source: Statistics Canada, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Table 20.4 Principal Statistics by Manufacturing Industry Group, Ontario, 1982

	Establishments	Production & Related Workers			Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value of Shipments of Goods of Own Manufacture	Value Added
		Male	Female	Wages				
		number				$ millions		
Food & Beverage	1,476	40,284	16,962	1,101.4	230.2	8,243.7	12,912.5	4,450.7
Tobacco Products	11	1,434	918	50.3	4.8	546.2	814.5	311.1
Rubber	535	17,823	8,310	469.4	71.4	1,416.4	2,758.4	1,255.5
Leather	172	3,543	6,459	128.3	7.3	310.4	597.7	274.6
Textile Mills	415	11,123	10,352	355.1	60.2	1,116.2	2,149.7	936.4
Knitting Mills	92	1,532	4,342	68.8	6.2	136.8	294.2	149.4
Clothing	474	3,631	17,602	240.5	7.0	461.6	1,016.4	547.3
Wood	794	13,897	1,920	256.2	46.1	678.1	1,256.4	517.9
Furniture & Fixture	983	16,050	4,567	309.7	20.1	675.2	1,404.9	504.3
Paper & Allied	347	27,883	5,130	743.8	351.4	2,596.9	4,841.1	1,915.3
Printing, Publishing & Allied	2,008	21,023	8,747	588.6	28.5	1,226.0	3,360.0	2,106.8
Primary Metal	233	48,381	1,577	1,287.2	428.8	3,910.8	7,070.9	2,740.4
Metal Fabricating	2,703	52,628	7,450	1,216.0	112.8	3,201.6	6,409.8	3,037.5
Machinery	875	31,881	3,463	753.3	54.2	2,476.3	4,710.6	2,147.8
Transportation Equipment	527	70,111	8,685	1,865.8	177.5	12,704.4	17,707.3	4,828.8
Electrical Products	656	30,957	19,733	944.2	67.3	2,603.1	5,717.1	2,941.9
Non-Metallic Mineral Products	572	14,208	1,589	335.1	199.8	749.3	1,905.7	960.0
Petroleum & Coal Products	42	2,885	75	91.8	76.0	6,855.8	7,804.4	881.0
Chemical & Chemical Products	605	19,996	6,120	605.3	578.4	4,677.6	8,472.1	3,135.2
Miscellaneous Manufacturing	1,302	15,248	11,130	408.9	30.4	1,383.4	2,735.6	1,321.8
Total	14,822	444,518	145,131	11,819.7	2,558.4	55,969.9	93,939.3	35,163.6

Source: Statistics Canada, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Notes: 1. Data are for manufacturing activity only for major industry groups.
2. For small establishments, the cost of fuel and electricity is included in the cost of materials and supplies.

Table 20.5 **Principal Statistics of the Leading Manufacturing Industries, Ontario, 1982**

	Rank	Establishments	Production & Related Workers			Cost of Fuel & Electricity	Cost of Materials, Supplies Used	Value of Shipments of Goods of Own Manufacture	Value Added
			Male	Female	Wages				
			number				$ millions		
Motor Vehicle Parts & Accessories	1	278	29,124	7,189	839.6	92.6	2,531.2	4,907.0	2,239.1
Iron & Steel Mills	2	23	30,699	5,073	869.1	290.6	2,676.2	4,691.9	1,731.9
Motor Vehicles	3	10	26,601	591	661.3	63.9	9,355.9	11,041.0	1,599.3
Miscellaneous Machinery & Equipment	4	717	22,777	1,737	507.5	32.8	1,546.2	3,091.9	1,499.4
Communications Equipment	5	263	9,289	9,224	357.2	14.7	665.1	1,819.2	1,122.3
Pulp & Paper Mills	6	36	16,376	435	439.9	317.1	1,222.1	2,593.7	1,072.4
Commercial Printing	7	1,175	13,657	5,742	373.7	16.6	669.3	1,644.2	962.3
Petroleum Refineries	8	10	2,565	63	84.0	73.0	6,737.5	7,662.2	857.6
Miscellaneous Food Processors, N.E.S.	9	131	4,918	2,551	137.2	45.8	995.6	1,789.9	747.8
Electrical Industrial Equipment	10	151	8,899	3,576	237.2	15.6	555.2	1,292.9	713.4
Plastics Fabricating Industry, N.E.S.	11	454	9,012	6,277	238.0	37.7	813.2	1,533.3	678.0
Publishing & Printing	12	201	4,704	1,580	132.1	9.1	269.4	953.5	674.6
Industrial Chemicals (Inorganic), N.E.S.	13	29	3,247	99	103.8	275.0	326.2	1,210.3	603.4
Metal Stamping, & Pressing	14	317	8,751	1,666	211.5	20.4	924.3	1,540.8	585.4
Aircraft & Aircraft Parts	15	51	7,276	593	187.0	8.2	302.8	835.5	583.3
Rubber Products	16	81	8,811	2,033	231.4	33.7	603.2	1,225.1	577.4
Miscellaneous Chemicals	17	185	3,527	956	86.4	21.6	600.1	1,170.0	552.5
Pharmaceuticals & Medicines	18	66	1,750	1,920	66.9	9.1	266.2	795.6	537.8
Slaughtering & Meat Processors	19	174	8,336	1,974	223.2	27.7	2,123.1	2,664.6	510.2
Miscellaneous Metal Fabricating	20	340	7,649	1,476	174.4	24.3	503.2	1,042.0	505.7
Instrument & Related Products	21	150	3,686	2,942	122.8	9.7	390.8	892.8	499.5
Hardware, Tool & Cutlery	22	652	8,744	1,301	211.1	12.1	220.8	736.4	494.7
Breweries	23	11	2,600	24	75.2	12.1	162.1	656.4	483.4
Soap & Cleaning Compounds	24	60	2,184	822	67.4	12.3	479.9	921.3	427.5
Fruit & Vegetable Canners & Perservers	25	85	3,349	1,893	90.8	16.9	546.8	950.2	399.2

Source: Statistics Canada, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Notes: 1. Data are for manufacturing activity only.
2. Ranking is on the basis of value added.

Table 20.6 **Value of Shipments in Manufacturing, Ontario Compared to Canada, 1983 and 1984**

	Shipments	
	Ontario	% of Canada
	$ millions	
Food		
1984	12,133.5	38.3
1983	11,641.2	39.0
Beverages		
1984	2,042.4	43.5
1983	1,930.6	44.2
Tobacco Products		
1984	863.3	55.6
1983	805.9	53.3
Rubber Products		
1984	1,420.9	57.8
1983	1,218.5	59.9
Plastic Products		
1984	1,981.8	58.9
1983	1,719.8	58.3
Leather & Allied Products		
1984	787.0	58.4
1983	730.1	60.0
Primary Textiles		
1984	1,011.7	38.1
1983	1,011.6	37.4
Textile Products		
1984	995.7	41.8
1983	922.9	40.9
Clothing		
1984	1,375.5	26.5
1983	1,269.8	26.3
Wood		
1984	1,881.0	18.6
1983	1,619.9	16.7
Furniture & Fixtures		
1984	1,551.9	54.8
1983	1,442.4	54.8
Paper & Allied Products		
1984	5,899.0	33.3
1983	5,014.5	33.1
Printing, Publishing & Allied Products		
1984	3,952.2	50.0
1983	3,540.0	50.1
Primary Metals		
1984	9,566.9	60.0
1983	7,769.9	58.6
Fabricated Metal Products		
1984	7,004.1	57.4
1983	6,244.5	56.6
Machinery		
1984	4,268.9	64.7
1983	3,592.1	64.0
Transportation Equipment		
1984	31,849.1	83.0
1983	23,392.0	81.6
Electrical & Electronic Products		
1984	7,426.8	67.7
1983	6,423.6	66.5

Table 20.6 (cont'd.)

	Shipments	
	Ontario	% of Canada
	$ millions	
Non-Metallic Mineral Products		
1984	2,558.4	49.8
1983	2,211.1	47.9
Refined Petroleum & Coal Products		
1984	8,084.9	35.1
1983	7,633.5	34.3
Chemical & Chemical Products		
1984	9,011.6	58.1
1983	8,660.6	60.0
Other Manufacturing		
1984	2,868.7	66.3
1983	2,947.3	68.5
Total		
1984	118,535.2	52.5
1983	101,742.0	50.8

Source: Statistics Canada, *Inventories, Shipments and Orders in Manufacturing Industries*, (31-001).

Notes: 1. Series revised to conform with the 1980 Standard Industrial Classification (S.I.C.).
2. Data represent 22 major industry groups rather than 20 as defined in the 1970 S.I.C.

Table 20.7 Motor Vehicle Products Shipped by Manufacturers, Ontario Compared to Canada, 1982

	Shipments	
	Ontario	% of Canada
	$ '000's	
Trucks & Chassis, 6,000 lbs. & Under (M.G.V.W.)	1,559,286	100.0
Trucks & Chassis, Commercial, 33,001 lbs. & Over (M.G.V.W.)	137,248	49.9
Commercial Trailers	70,837	48.2
Travel & Tent Trailers	24,013	50.5
Dump Truck Bodies	5,557	31.6
Tank Bodies, Truck & Trailer	8,872	38.1
Bodies for Trucks & Trailers, Other	23,765	54.5
Off-Highway Trucks	111,102	100.0
Parts for Motor Vehicle Engines	610,189	93.6
Stampings, Motor Vehicle	622,935	96.3
Steering, Suspension, Front Axles, & Parts, Motor Vehicle	439,246	92.1
Wheels & Brakes, Motor Vehicle	529,655	96.9
Motor Vehicle Accessories, Parts & Assemblies, Other	1,454,156	94.0
Other	11,281,589	87.3
Total	16,878,450	88.8

Source: Statistics Canada, *Products Shipped by Canadian Manufacturers*, (31-211).

Notes: 1. M.G.V.W. signifies maximum gross vehicle weight.
2. Other includes all products deemed confidential (at four digit level of Industrial Commodity Classification).

Table 20.8 Petroleum and Coal Products Shipped by Manufacturers, Ontario Compared to Canada, 1982

	Shipments	
	Ontario	% of Canada
	$ '000's	
Motor Gasoline	2,840,073	32.3
Aviation Turbo Fuel	254,693	26.8
Kerosene Stove Oil & Tractor Fuel	173,590	28.5
Diesel Fuel	607,975	19.8
Heavy Fuel Oils	566,205	31.0
Cutting & Penetrating Oils	9,065	96.7
Lubricating Oils	95,731	56.8
Lubricating Greases	16,015	76.3
Asphalt, Asphalt Mixtures & Emulsions	115,679	18.9
Coal Tar & Pitch	68,780	94.2
Petro-Chemical Feedstocks	501,129	. .
Other	3,040,093	49.9
Total	8,289,028	37.3

Source: Statistics Canada, *Products Shipped by Canadian Manufacturers*, (31-211).

Notes:
1. Motor Gasoline excludes aviation.
2. Kerosene Stove Oil refers to no. 1 fuel oil.
3. Heavy Fuel Oils refers to no.'s 4, 5 and 6 fuel oils.
4. Petro-Chemical Feedstocks excludes liquid petroleum gases.
5. Ontario as percent of Canada not available where indicated due to confidentiality (at the four digit level of the Industrial Commodity Classification).

Table 20.9 Iron and Steel and Alloys Shipped by Manufacturers, Ontario Compared to Canada, 1982

	Shipments	
	Ontario	% of Canada
	$ '000's	
Iron Castings	240,262	76.1
Steel Castings	86,804	43.8
Steel Forgings	134,031	91.2
Bars, Hot Rolled or Cold Finished	417,813	64.2
Bars or Rods, Steel, Fabricated	76,476	56.0
Sheet & Strip, Unfabricated, Steel	1,339,849	86.1
Plate, Fabricated Steel	84,481	47.0
Structural Shapes, Fabricated, Steel	44,194	31.2
Pipes & Tubing, Steel, N.E.S.	138,626	61.3
Pipe & Tubing, Steel, Fabricated	28,713	77.6
Wire, Plain, Not Coated, Steel	118,842	64.3
Other	3,324,752	88.1
Total	6,034,843	72.2

Source: Statistics Canada, *Products Shipped by Canadian Manufacturers*, (31-211).

Notes:
1. (a) Bars, Hot Rolled includes hot drawn, hot forged and hot extruded.
   (b) Bars, Cold Finished includes cold drawn or cold rolled.
2. Sheet & Strip, Unfabricated, Steel excludes coated or clad.

Table 20.10 Pulp and Paper Products Shipped by Manufacturers, Ontario Compared to Canada, 1982

	Shipments	
	Ontario	% of Canada
	$ '000's	
Wood Pulp, Sulphate & Soda, Paper Grade	542,555	18.1
Wood Pulp, Sulphite, Paper Grade	17,288	9.8
Standard Newsprint	730,203	. .
Groundwood Printing & Specialty Papers	208,946	43.3
Fine Papers	361,390	66.3
Paperboard, Boxboard Grade	147,863	44.1
Building Paper	100,132	33.2
Printed Wrapping Paper & Gift Tyings	24,206	51.3
Paper, Coated with Plastic Materials	19,528	24.3
Miscellaneous Converted Paper	111,651	70.3
Other	. .	. .
Total	. .	. .

Source: Statistics Canada, *Products Shipped by Canadian Manufacturers, (31-211).*

Notes: 1. Data not available where indicated due to confidentiality.
2. Groundwood Printing & Specialty Papers includes uncoated grades with more than 25% groundwood pulp.
3. Fine Papers excludes miscellaneous fine papers.

Chapter 21
Construction

Construction

Construction is the second largest of the goods-producing industries in Ontario, accounting for about 5% of both gross domestic product and total employment. Approximately one-quarter of the value of construction in Canada takes place in Ontario.

Most construction work is performed by the private sector, but governments are heavily involved in areas such as highways and electric power construction. Governments operate programs to stimulate the housing market. The Provincial government also sets building standards, which are administered by municipalities.

This chapter contains two types of information: data on the construction industry itself and data on construction activity in all industries. The construction industry itself is comprised of only those business establishments primarily engaged in the creation, renovation, repair and demolition of immobile structures. Construction activity includes not only the output of the construction industry, but also the output of construction labour forces employed in all other industries.

Data on Housing and Household Facilities can be found in Chapter 10. Chapter 24, Finance, Insurance, Real Estate and Business Services provides limited information on mortgage financing, real estate sales and architects' offices.

Sources of Data

The main sources of data on construction are:

- compilations of building permits issued by municipalities;
- Canada Mortgage and Housing Corporation surveys of housing starts and completions;
- Statistics Canada's twice-yearly survey of capital expenditure intentions and various censuses of contractors.

Statistics Canada publishes monthly statistics on building permits gathered from some 2,000 reporting municipalities across Canada, representing virtually 100% of urban municipalities which issue permits and about 75% of issuers for rural areas. The information collected includes both residential and non-residential buildings, classified by intended use of the structure as stated on the permit. Minor repairs are excluded, but conversions of existing structures are covered. The building permit data do not cover total construction activity since many large projects, such as pipelines and highways, do not require permits. Also, large plants may be located outside the boundaries of permit-issuing municipalities.

Data on building permits issued are often used as a leading indicator of building activity. However, there can be considerable variation in the amount of time between the issuing of a permit and the beginning of construction. The data are published in the monthly *Building Permits, (64-001)*, and in *Building Permits, Annual Summary, (64-203)*. Aggregate data can be obtained from CANSIM.

Data on housing starts and completions are published by Statistics Canada based on surveys carried out by Canada Mortgage and Housing Corporation. Monthly surveys are conducted for urban centres of 10,000 population and over, while quarterly surveys cover both urban and rural areas. These data exclude conversions to existing structures, dwellings not intended for year-round occupancy and collective type living quarters such as health care facilities, religious and educational institutions, and hotels and lodging houses. Thus, the definition of a dwelling unit used is somewhat narrower than the Census of Canada definition. The data are published monthly in *Housing Starts and Completions, (64-002)*, while aggregate information is available from CANSIM.

Statistics Canada surveys investment intentions twice yearly to collect information on capital and repair expenditures on construction and on machinery and equipment. This survey is discussed more fully in Chapter 11, Economic Overview. The construction portion of this survey forms the basis for estimates of total construction activity. To obtain complete coverage, Statistics Canada also carries out annual censuses of mechanical, electrical and other special trade contractors, and highway, road, bridge, heavy engineering, residential and non-residential general contractors. Data classified by about seventy different types of structure are published annually in *Construction in Canada, (64-201)*. Statistics Canada also issues information on specific types of contractors in a number of publications in series 64.

Aggregate information on building permits, housing starts, completions and total construction activity is available on CANSIM. Further information can be obtained from the Science, Technology and Capital Stock Division of Statistics Canada, telephone Ottawa, 990-9689.

Construction

Charts:

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21.2 Value of Building Permits Issued, Ontario, 1973 to 1984
21.3 Dwelling Completions, Ontario, 1956 and 1984
21.4 Non-Residential Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1981

Tables:

21.1 Gross Domestic Product: Construction, Ontario, 1971 to 1983
21.2 Residential Building Permits Issued by Type of Dwelling Unit, Ontario and Other Regions of Canada, 1971 to 1984
21.3 Value of Residential Building Permits Issued by Type of Dwelling Unit, Ontario and Other Regions of Canada, 1971 to 1984
21.4 Value of Residential Building Permits Issued, Ontario and Other Regions of Canada, 1971 to 1984
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21.8 Dwelling Starts, Ontario, Selected Years, 1956 to 1984
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21.13 Value of Residential Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1985
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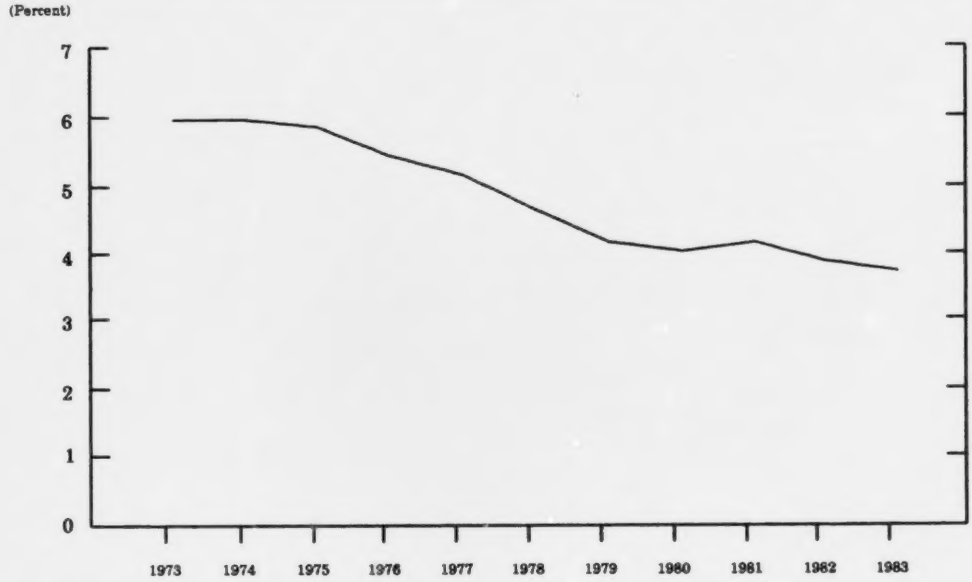
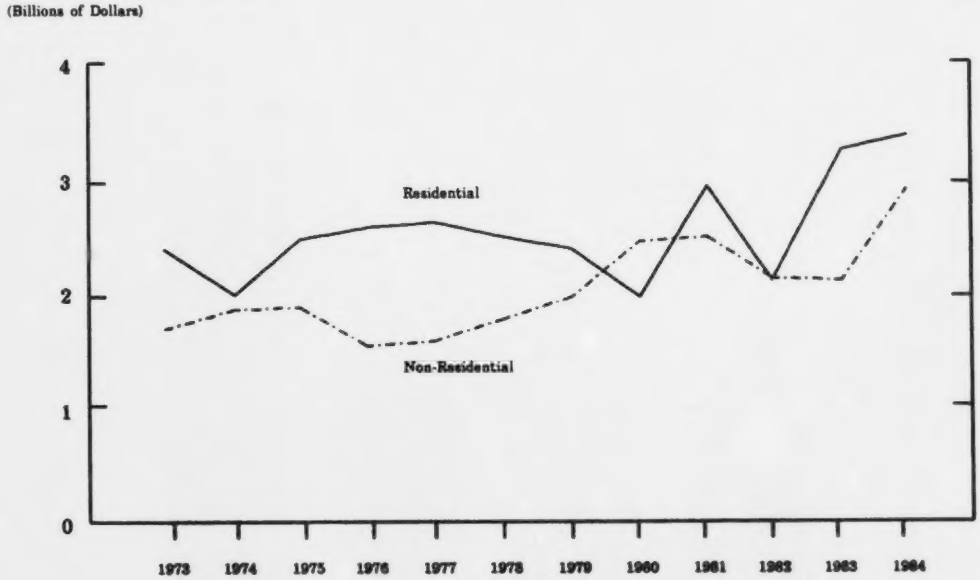
21.16 Construction Work Purchased, Labour Content and Materials Used, Ontario, Selected Years, 1966 to 1985
21.17 Value of Engineering Construction by Type of Structure, Ontario, Selected Years, 1966 to 1985

Chart 21.1 Provincial Domestic Product: Construction, Percent of Total G.D.P., Ontario, 1973 to 1983



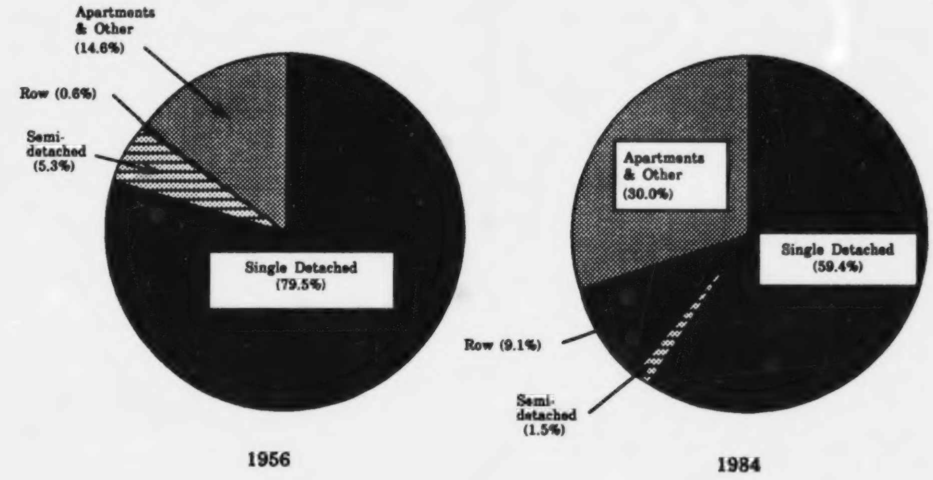
Refer to Table 21.1

Chart 21.2 Value of Building Permits Issued, Ontario, 1973 to 1984



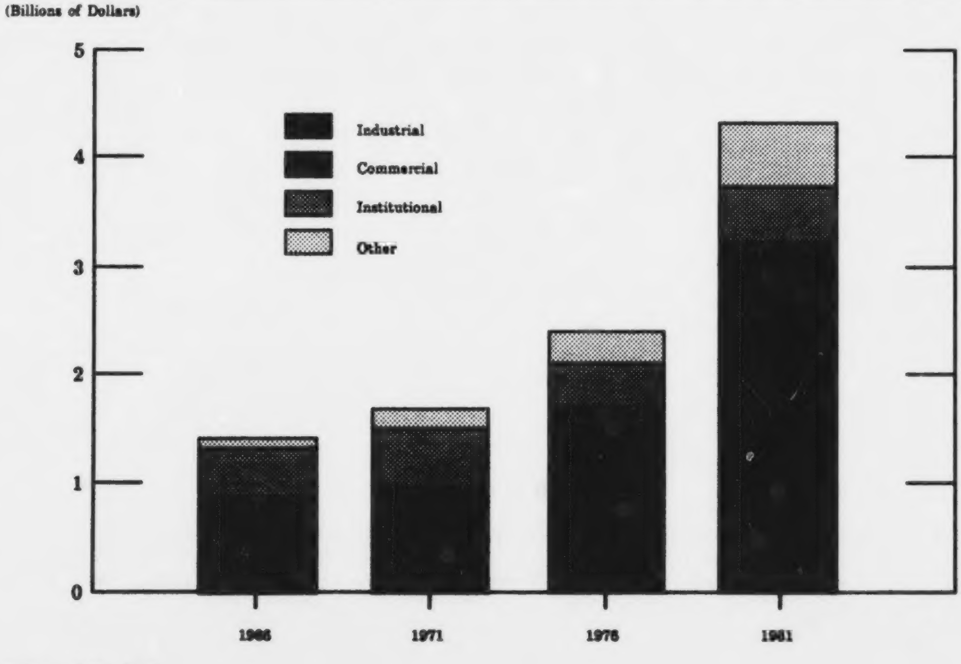
Refer to Tables 21.4 and 21.7

Chart 21.3 Dwelling Completions, Ontario, 1956 and 1984



Refer to Table 21.10

Chart 21.4 Non-Residential Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1981



Refer to Table 21.15

Table 21.1 Gross Domestic Product: Construction, Ontario, 1971 to 1983

Year	Value	% of Total G.D.P.
	$ millions	
1983	4,904.0	3.7
1982	4,593.1	3.8
1981^{r}	4,704.4	4.1
1980	4,032.4	4.0
1979	3,709.3	4.1
1978	3,652.2	4.6
1977	3,713.6	5.1
1976	3,638.2	5.4
1975	3,363.7	5.8
1974	3,107.3	5.9
1973	2,618.1	5.9
1972	2,255.7	5.8
1971	2,073.7	6.0

Sources: Statistics Canada, *Provincial Gross Domestic Product, (61-202).*
Provincial Economic Accounts, (13-213).

Table 21.2 Residential Building Permits Issued by Type of Dwelling Unit, Ontario and Other Regions of Canada, 1971 to 1984

Year	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apart-ments	Conver-sions	Total
				number			
1984							
Ontario	30,989	608	1,688	4,398	10,109	1,375	49,167
Atlantic	8,026	434	465	235	2,058	377	11,595
Quebec	18,831	236	2,695	1,246	18,268	2,214	43,490
West	21,868	203	607	1,937	10,522	326	35,463
Canada	79,714	1,481	5,455	7,816	40,957	4,292	139,715
Ontario % of Canada	38.9	41.1	30.9	56.3	24.7	32.0	35.2
Ontario							
1983	30,944	638	2,356	4,637	13,588	905	53,068
1982	17,712	436	2,919	4,272	12,586	388	38,313
1981	24,328	708	5,728	5,758	16,782	497	53,801
1980	18,461	757	4,021	3,109	11,607	547	38,502
1979	25,968	824	7,475	4,790	15,173	448	54,678
1978	26,536	1,012	8,233	8,681	25,214	402	70,078
1977	28,341	1,170	10,181	11,531	28,544	485	80,252
1976	32,321	1,164	8,861	16,023	25,218	408	83,995
1975	35,707	1,504	9,493	11,590	32,622	382	91,298
1974	31,384	2,015	5,900	9,291	33,223	529	82,342
1973	39,079	2,087	8,032	11,509	62,530	501	123,738
1972	35,724	2,047	8,515	9,218	49,124	576	105,204
1971	31,128	2,116	8,190	. .	54,833	634	96,901

Source: Statistics Canada, *Building Permits, (64-203).*

Note: In 1971, Row Housing is included with apartments.

Table 21.3 Value of Residential Building Permits Issued by Type of Dwelling Unit, Ontario and Other Regions of Canada, 1971 to 1984

Year	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apart-ments	Conver-sions	Other	Total
					$ millions			
1984								
Ontario	2,200.2	20.9	84.9	195.7	414.1	19.0	425.8	3,360.6
Atlantic	397.5	5.5	19.9	11.6	77.9	5.3	101.9	619.6
Quebec	1,007.9	4.5	125.0	59.2	616.8	45.2	389.1	2,247.7
West	1,403.0	3.8	27.1	83.1	469.6	7.4	291.2	2,285.3
Canada	5,008.6	34.6	256.8	349.7	1,578.5	77.0	1,208.0	8,513.2
Ontario % of Canada	43.9	60.4	33.1	56.0	26.2	24.7	35.2	39.5
Ontario								
1983	1,978.7	20.2	113.4	170.6	547.1	11.4	409.1	3,250.5
1982	1,001.2	12.7	127.5	161.9	443.1	4.4	334.0	2,084.9
1981	1,472.4	19.7	246.0	206.5	623.5	6.0	361.1	2,935.3
1980	995.8	18.3	166.4	106.2	359.5	5.7	308.1	1,960.0
1979	1,221.6	19.4	273.0	151.2	395.8	3.7	308.7	2,373.5
1978	1,104.0	21.3	244.4	235.2	601.1	3.9	286.2	2,496.1
1977	1,084.5	23.3	296.6	289.0	651.2	3.5	261.3	2,609.4
1976	1,148.5	20.4	247.7	372.0	499.3	2.4	273.0	2,563.4
1975	1,143.0	23.6	231.8	250.8	576.1	1.9	198.9	2,462.4
1974	895.7	26.8	128.2	191.4	563.2	2.4	194.4	2,002.2
1973	945.0	21.0	151.7	186.5	914.4	1.9	145.5	2,366.0
1972	733.4	16.5	137.5	123.2	596.2	2.0	105.4	1,714.1
1971	660.4	. .	120.8	. .	635.5	2.1	36.7	1,455.5

Source: Statistics Canada, *Building Permits*, (64-203).

Notes: 1. In 1971, Cottages is included with Single Dwellings and Row Housing is included with Apartments.
2. Other includes pools, garages and improvements.

Table 21.4 Value of Residential Building Permits Issued, Ontario and Other Regions of Canada, 1971 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
				$ millions		
1984	3,360.6	619.6	2,247.7	2,285.3	8,513.2	39.5
1983	3,250.5	593.2	2,096.3	2,919.2	8,859.2	36.7
1982	2,084.9	306.8	1,160.9	2,580.3	6,132.9	34.0
1981	2,935.3	362.8	1,481.2	5,035.4	9,814.6	30.0
1980	1,960.0	364.8	1,294.1	3,848.9	7,467.9	26.3
1979	2,373.5	407.6	1,435.8	3,550.1	7,767.1	30.6
1978	2,496.1	409.8	1,461.0	3,199.7	7,566.7	33.0
1977	2,609.4	417.6	1,480.4	3,105.1	7,612.5	34.3
1976	2,563.4	433.4	1,564.7	2,914.4	7,475.8	34.3
1975	2,462.4	376.8	1,129.3	2,160.5	6,128.9	40.2
1974	2,002.2	282.5	804.7	1,486.3	4,575.7	43.8
1973	2,366.0	214.7	815.2	1,367.2	4,763.1	49.7
1972	1,714.1	170.7	676.4	1,077.2	3,638.4	47.1
1971	1,455.5	126.2	686.4	934.9	3,203.0	45.4

Source: Statistics Canada, *Building Permits*, (64-203).

Table 21.5 Non-Residential Building Permits Issued By Type, Ontario and Other Regions of Canada, 1973 to 1984

Year	Industrial	Commercial	Institutional & Government	Total
		number		
1984				
Ontario	7,499	19,951	3,179	30,629
Atlantic	824	4,165	738	5,727
Quebec	3,041	13,125	1,815	17,981
West	3,097	22,292	2,730	28,119
Canada	14,461	59,533	8,462	82,456
Ontario % of Canada	51.9	33.5	37.6	37.1
Ontario				
1983	7,015	17,838	3,337	28,190
1982	6,671	17,455	3,143	27,269
1981	9,100	19,789	2,896	31,785
1980	9,599	18,896	2,783	31,278
1979	9,586	19,217	2,713	31,516
1978	9,722	18,764	2,780	31,266
1977	7,870	16,497	2,317	26,684
1976	7,572	16,511	2,292	26,375
1975	8,133	17,114	2,500	27,747
1974	8,465	14,368	2,603	25,436
1973	8,029	15,063	2,161	25,253

Source: Statistics Canada, *Building Permits*, (64-203).

Table 21.6 Value of Non-Residential Building Permits Issued by Type, Ontario and Other Regions of Canada, 1971 to 1984

Year	Industrial	Commercial	Institutional & Government	Total
		$ millions		
1984				
Ontario	654.6	1,587.8	671.3	2,913.7
Atlantic	60.2	262.0	144.2	466.5
Quebec	359.8	615.8	387.5	1,363.2
West	292.6	1,249.6	702.9	2,245.1
Canada	1,367.2	3,715.3	1,905.9	6,988.4
Ontario % of Canada	47.9	42.7	35.2	41.7
Ontario				
1983	435.3	1,026.8	637.3	2,099.4
1982	468.4	1,170.6	487.3	2,126.3
1981	784.1	1,291.1	419.1	2,494.3
1980	710.3	1,306.9	427.6	2,444.9
1979	576.4	1,032.1	344.5	1,953.0
1978	471.5	973.4	300.3	1,745.2
1977	443.8	711.3	410.8	1,565.8
1976	473.5	685.8	351.6	1,511.0
1975	434.8	918.5	493.2	1,846.5
1974	533.9	905.2	385.4	1,824.5
1973	428.0	849.3	377.7	1,655.0
1972	278.9	564.5	431.0	1,274.3
1971	196.9	488.6	459.3	1,144.8

Source: Statistics Canada, *Building Permits*, (64-203).

Table 21.7 Value of Non-Residential Building Permits Issued, Ontario and Other Regions of Canada, 1971 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1984	2,913.7	466.5	1,363.2	2,245.1	6,988.4	41.7
1983	2,099.4	372.7	972.6	2,267.5	5,712.1	36.8
1982	2,126.3	349.1	967.1	3,213.4	6,655.9	31.9
1981	2,494.3	429.1	1,382.5	4,614.9	8,920.8	28.0
1980	2,444.9	353.5	1,218.8	3,967.0	7,984.2	30.6
1979	1,953.0	412.4	1,028.0	2,983.4	6,376.8	30.6
1978	1,745.2	387.9	944.9	2,489.9	5,568.0	31.3
1977	1,565.8	274.3	978.2	1,988.9	4,807.2	32.6
1976	1,511.0	282.9	1,238.7	1,690.9	4,723.5	32.0
1975	1,846.5	331.2	902.1	1,389.2	4,469.0	41.3
1974	1,824.5	296.0	1,216.0	1,367.9	4,704.4	38.8
1973	1,655.0	214.5	883.7	1,042.7	3,795.9	43.6
1972	1,274.3	169.0	610.1	771.7	2,825.2	45.1
1971	1,144.8	122.0	537.4	704.3	2,508.5	45.6

Source: Statistics Canada, *Building Permits*, (64-203).

Table 21.8 Dwelling Starts, Ontario, Selected Years, 1956 to 1984

Year	Single Detached	Semi-detached	Row	Apartment & Other	Total	Ontario % of Canada
			number			
1984	32,851	875	4,373	10,072	48,171	35.7
1983	33,804	1,163	4,398	15,574	54,939	33.8
1982	17,836	2,091	4,125	14,456	38,508	30.6
1981	24,440	5,533	4,863	15,325	50,161	28.2
1980	18,693	4,628	3,826	12,980	40,127	25.3
1979	28,261	7,899	5,745	14,982	56,887	28.9
1978	27,949	8,607	9,073	26,081	71,710	31.5
1977	27,899	10,364	13,782	27,085	79,130	32.2
1976	32,252	8,502	17,918	26,010	84,682	31.0
1975	33,669	8,543	12,212	25,544	79,968	34.6
1974	33,886	6,058	9,518	36,041	85,503	38.5
1973	42,751	7,950	11,977	47,858	110,536	41.2
1972	37,932	8,237	8,811	47,953	102,933	41.2
1971	31,088	7,395	7,602	43,895	89,980	38.5
1966	26,229	3,275	3,927	18,924	52,355	38.9
1961	26,227	3,962	664	17,291	48,144	38.3
1956	37,542	2,074	280	8,816	48,712	38.3

Sources: Statistics Canada, *Housing Starts and Completions*, (64-002).
Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Note: Duplexes are now included with Apartment and Other. Prior to 1982, they were included with Semi-detached.

Table 21.9 Dwellings Under Construction, Ontario, Selected Years, 1956 to 1984

Year	Single Detached	Semi-detached	Row	Apartment & Other	Total	Ontario % of Canada
			number			
1984	12,118	363	2,065	8,983	23,529	36.8
1983	11,693	319	2,859	15,372	30,243	35.6
1982	11,018	1,299	2,075	16,617	31,009	34.8
1981	9,861	3,105	3,721	17,384	34,071	33.1
1980	9,900	3,467	3,312	14,508	31,187	29.5
1979	13,573	5,112	5,296	20,870	44,851	34.9
1978	16,718	5,520	8,896	34,972	66,106	40.1
1977	15,987	6,594	13,228	39,709	75,518	40.7
1976	17,463	5,364	15,625	39,970	78,359	38.4
1975	17,667	5,187	10,412	42,424	75,690	42.9
1974	15,546	3,595	7,653	51,723	78,517	46.6
1973	19,527	4,876	11,666	62,497	98,566	47.6
1972	18,574	4,937	7,803	56,044	87,358	46.3
1971	15,003	4,575	6,376	56,511	82,465	46.5
1966	12,678	1,764	2,820	22,216	39,478	44.5
1961	. .	. .	. .	. .	31,936	43.4
1956	. .	. .	. .	. .	26,232	38.3

Source: Statistics Canada, *Housing Starts and Completions*, (64-002).

Notes: 1. Data refer to number under construction as of December 31 of each year.
2. See note, Table 21.8.

Table 21.10 Dwelling Completions, Ontario, Selected Years, 1956 to 1984

Year	Single Detached	Semi-detached	Row	Apartment & Other	Total	Ontario % of Canada
			number			
1984	32,480	788	4,992	16,382	54,642	35.7
1983	32,962	2,151	3,635	16,539	55,287	33.9
1982	16,524	3,871	5,607	14,435	40,437	30.2
1981	23,192	5,781	4,176	12,408	45,557	26.0
1980	22,145	6,255	6,005	19,616	54,021	30.7
1979	31,148	8,297	8,768	28,357	76,570	33.8
1978	26,980	9,518	13,421	30,510	80,429	32.6
1977	29,078	9,007	15,916	26,716	80,717	32.1
1976	31,896	8,268	12,251	27,887	80,302	34.0
1975	31,493	6,952	9,743	33,677	81,865	37.7
1974	37,488	7,323	13,594	45,955	104,360	40.6
1973	41,471	7,991	8,096	40,704	98,262	39.8
1972	34,347	7,696	7,578	46,817	96,438	41.5
1971	25,732	5,898	7,039	35,480	74,149	36.8
1966	26,683	3,351	4,999	33,374	68,407	42.2
1961	27,110	3,475	977	12,192	43,754	37.8
1956	40,721	2,708	317	7,455	51,201	37.7

Source: Statistics Canada, *Housing Starts and Completions*, (64-002).

Note: See note, Table 21.8.

Table 21.11 Value of Construction Work Purchased, Ontario, Selected Years, 1966 to 1985

Year	New	Repair	Total	Ontario % of Canada
			$ millions	
1985	13,898.7	3,660.4	17,559.1	29.8
1984	13,085.1	3,525.1	16,610.2	29.6
1983^{r}	11,749.4	3,221.3	14,970.7	26.8
1982^{r}	11,448.0	2,959.7	14,407.7	25.7
1981	11,333.3	2,855.2	14,188.5	24.9
1980	9,863.1	2,574.3	12,437.5	25.7
1979	9,220.0	2,350.3	11,570.4	26.9
1978	8,914.2	2,065.2	10,979.5	28.7
1977	8,724.3	1,889.3	10,613.6	29.6
1976	8,370.0	1,695.9	10,066.0	30.4
1975	7,493.2	1,496.2	8,989.4	31.7
1974	7,087.5	1,413.7	8,501.3	34.4
1973	5,981.5	1,154.5	7,136.0	35.4
1972	5,253.1	1,022.7	6,275.8	36.3
1971	4,661.9	935.0	5,596.9	35.3
1966	3,115.7	698.7	3,814.4	33.9

Source: Statistics Canada, *Construction in Canada, (64-201)*.

Note: Data for 1984 are preliminary actual; for 1985 data refer to intentions.

Table 21.12 Value of Residential Construction Work Purchased, Ontario, Selected Years, 1966 to 1985

Year	New	Repair	Total
		$ millions	
1985	4,998.0	1,664.1	6,662.0
1984	4,686.2	1,589.2	6,275.4
1983^{r}	4,375.8	1,499.6	5,875.4
1982^{r}	3,139.8	1,335.5	4,475.3
1981	3,743.4	1,255.4	4,998.8
1980	3,138.4	1,121.9	4,260.2
1979	3,548.2	1,043.0	4,591.2
1978	3,698.6	917.8	4,616.5
1977	3,745.8	810.2	4,556.0
1976	3,610.5	725.5	4,336.0
1975	2,553.9	636.7	3,190.7
1974	2,872.1	594.2	3,466.2
1973	2,576.7	485.5	3,062.3
1972	2,036.7	421.6	2,458.4
1971	1,642.2	381.1	2,023.2
1966	902.9	252.6	1,155.5

Source: Statistics Canada, *Construction in Canada, (64-201, 64-502)*.

Note: See note, Table 21.11.

Table 21.13 Value of Residential Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1985

Year	Single Detached	Semi-detached & Duplex	Apartments & Row	Other	Total
			$ millions		
1985	2,843.0	49.5	817.8	2,951.7	6,662.0
1984	2,551.9	46.2	817.2	2,860.1	6,275.4
1983^{r}	2,289.2	79.2	822.8	2,684.1	5,875.4
1982^{r}	1,077.1	129.4	1,041.3	2,227.6	4,475.3
1981	1,732.2	286.6	699.9	2,280.1	4,998.8
1980	1,229.8	258.9	714.3	2,057.2	4,260.2
1979	1,485.9	285.3	710.3	2,109.6	4,591.2
1978	1,258.9	306.8	1,159.0	1,891.7	4,616.5
1977	1,325.3	334.3	1,155.8	1,740.6	4,556.0
1976	1,340.8	270.6	1,098.5	1,626.2	4,336.0
1975	1,088.0	203.6	818.3	1,080.8	3,190.7
1974	1,169.5	160.9	1,117.1	1,018.7	3,466.2
1973	1,135.8	158.1	968.1	800.2	3,062.3
1972	865.1	149.9	794.1	649.3	2,458.4
1971	626.5	112.3	726.0	558.5	2,023.2
1966	409.3	45.9	336.2	364.1	1,155.5

Source: Statistics Canada, *Construction in Canada, (64-201, 64-502).*

Notes: 1. See note, Table 21.11.

2. For the years 1976 to 1981, actual residential expenditures have been adjusted upwards to include additional home improvements such as re-insulation, landscaping and other alterations.

Table 21.14 Value of Non-Residential Building Construction Work Purchased, Ontario, Selected Years, 1966 to 1985

Year	New	Repair	Total
		$ millions	
1985	4,363.2	1,105.2	5,468.4
1984	4,008.7	1,039.0	5,047.7
1983^{r}	3,320.7	918.2	4,238.9
1982^{r}	3,559.8	862.0	4,421.8
1981	3,505.6	847.6	4,353.2
1980	3,322.6	764.9	4,087.5
1979	2,541.8	661.5	3,203.3
1978	2,010.3	580.6	2,590.1
1977	1,967.8	554.7	2,522.5
1976	1,947.6	499.7	2,447.3
1975	2,150.1	416.5	2,566.6
1974	2,027.0	410.8	2,437.8
1973	1,645.9	321.3	1,967.2
1972	1,480.2	298.8	1,779.0
1971	1,458.8	267.7	1,726.7
1966	1,265.4	197.0	1,462.4

Source: Statistics Canada, *Construction in Canada, (64-201, 64-502).*

Note: See note, Table 21.11.

Table 21.15 Value of Non-Residential Building Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1985

Year	Industrial	Commercial	Institutional	Other Building Construction	Total
			$ millions		
1985	1,398.1	2,692.2	804.2	573.8	5,468.4
1984	1,135.6	2,516.9	818.5	576.7	5,047.7
1983^{r}	921.9	2,102.6	716.3	498.1	4,238.9
1982^{r}	1,031.1	2,166.6	655.7	568.4	4,421.8
1981^{r}	1,380.3	1,865.3	524.0	583.5	4,353.1
1980	1,299.2	1,861.8	461.1	465.6	4,087.7
1979	942.1	1,460.7	391.6	408.9	3,203.3
1978	667.1	1,151.1	413.8	358.9	2,590.9
1977	717.9	1,090.5	410.5	303.5	2,522.4
1976	633.6	1,086.8	411.2	315.7	2,447.3
1975	654.6	1,218.9	418.4	274.6	2,566.5
1974	649.9	1,151.1	401.2	235.6	2,437.8
1973	471.5	900.5	403.1	192.1	1,967.2
1972	375.4	728.2	480.2	195.2	1,779.0
1971	351.2	651.4	546.1	178.0	1,726.7
1966	478.1	449.9	430.3	104.1	1,462.4

Source: Statistics Canada, *Construction in Canada*, (64-201).

Note: See note, Table 21.11.

Table 21.16 Construction Work Purchased, Labour Content and Materials Used, Ontario, Selected Years, 1966 to 1985

	Labour Content			
Year	Person Years	Value	Cost of Materials Used	Value of Work Purchased
	#		$ millions	
1985	245.2	6,451.1	6,205.2	17,559.1
1984	241.0	6,103.9	5,848.0	16,610.2
1983^{r}	222.5	5,482.8	5,270.7	14,970.7
1982^{r}	253.3	5,540.2	5,140.1	14,407.7
1981	215.9	5,488.4	5,362.8	14,188.5
1980	212.3	4,839.6	4,741.5	12,437.5
1979	216.7	4,479.2	4,450.9	11,570.4
1978	220.3	4,186.9	4,105.5	10,979.5
1977	205.7	3,695.3	4,053.8	10,613.6
1976	222.0	3,605.3	3,784.8	10,066.0
1975	217.3	3,183.5	3,567.1	8,989.4
1974	230.0	3,029.8	3,396.6	8,501.3
1973	237.1	2,681.1	2,844.8	7,136.0
1972	198.9	2,259.3	2,498.6	6,275.8
1971	206.9	2,092.3	2,270.2	5,596.9
1966	204.4	1,306.0	1,768.0	3,814.4

Source: Statistics Canada, *Construction in Canada*, (64-201).

Note: See note, Table 21.11.

Table 21.17 Value of Engineering Construction by Type of Structure, Ontario, Selected Years, 1966 to 1985

Year	Road, Highway & Airport Runways	Water-works, Sewage Systems, Dams & Irrigation	Electric Power Con-struction	Railway, Telephone, Telegraph	Gas & Oil Facilities	Marine Con-struction	Other Engi-neering Con-struction	Total Engi-neering Con-struction
				$ millions				
1985	1,195.6	717.6	1,340.2	876.5	408.5	124.6	765.7	5,428.6
1984	1,184.1	731.7	1,251.4	811.3	473.0	122.5	713.0	5,287.1
1983r	1,186.2	706.4	1,050.9	691.9	469.8	75.9	675.4	4,856.5
1982r	1,208.4	718.2	1,218.0	655.4	920.1	58.7	731.8	5,510.6
1981r	1,080.8	681.0	1,083.8	710.4	548.2	56.4	676.0	4,836.5
1980	935.6	656.4	862.0	607.7	255.7	54.0	718.4	4,089.7
1979	855.2	687.5	805.3	550.6	219.3	33.8	624.2	3,775.8
1978	798.0	670.1	764.2	492.6	295.5	39.2	712.5	3,772.0
1977	706.9	629.5	653.7	437.6	325.0	68.7	713.8	3,535.2
1976	604.5	602.2	588.8	397.2	291.6	38.2	760.0	3,282.6
1975	634.5	558.4	737.2	339.6	348.3	33.2	581.0	3,232.2
1974	583.8	490.8	469.7	371.6	220.4	32.0	428.8	2,597.2
1973	493.2	345.5	391.4	273.5	188.6	25.8	388.7	2,106.5
1972	457.3	317.5	368.4	230.5	157.7	38.3	468.7	2,038.4
1971	450.2	262.9	358.9	214.2	133.5	25.8	401.7	1,847.1
1966	362.6	191.9	172.9	164.7	111.4	36.1	156.8	1,196.5

Source: Statistics Canada, *Construction in Canada*, (64-201).

Note: See note, Table 21.11.

Chapter 22
Transportation and Communications

Transportation and Communications

Ontario is well served by a highly developed system of transportation and communications networks. The transportation and communications industries account for approximately 7% of total employment in Ontario. Both industries involve a complex mix of public and private ownership and are highly regulated.

Road transport is primarily a provincial responsibility, with the Ontario Ministry of Transportation and Communications involved in planning and maintaining the provincial highway system, driver, vehicle and carrier licensing, and compliance enforcement of inter-city buses. The Ministry is responsible for the co-ordination of all road safety activities such as seat belt regulation and transport-of-dangerous goods. The Ministry is also responsible for policy development for the Province's air, rail and marine programs.

The Provincial and municipal governments have prime responsibility for urban transportation. The Ontario Government's urban transportation subsidy program and the Toronto Area Transit Operating Authority (TATOA) provide the GO system of trains and buses along the Lakeshore route.

In northern Ontario, the Ministry of Northern Development and Mines, through the Ontario Northland Transportation Commission, is responsible for construction of highways and airports and for provision of rail, bus, airline, ferry and telecommunications services. The Ontario government also operates an educational television network, TV Ontario.

The federal government is responsible for establishing motor vehicle safety standards. The Canadian Transport Commission has jurisdiction over transportation by rail, air and water. Canadian National Railways is a federal government enterprise and the largest public utility in Canada. It also operates steamships, a telecommunications service and, as an autonomous subsidiary, Air Canada. With regard to air transportation, the federal government is responsible for aircraft registration, licensing of personnel, establishing and maintaining airports and facilities for air navigation and air traffic control. The federal government has complete responsibility for regulating shipping in Canadian-controlled waters, and the administration of Canadian ports generally comes under Transport Canada. Multi-purpose harbours are administered by the National Harbours Board or by harbour commissions. Transport Canada establishes and collects fees from users of port facilities. The St. Lawrence Seaway Authority maintains facilities between Montreal and Lake Erie, including the Welland Canal.

The Canadian Broadcasting Corporation (CBC) radio and television networks are made up of stations, owned and operated by the CBC, which carry the full national service and some privately owned affiliated stations which carry an agreed amount of CBC programming. The Canadian Radio-television and Telecommunications Commission (CRTC) is responsible for regulating radio and television broadcasting, including cable companies, except in their purely technical aspects. The CRTC also regulates the major investor-owned telecommunications carriers incorporated under federal legislation.

Sources of Data

The main sources of data are:

- Ontario Ministry of Transportation and Communications administrative data and estimates combined with data provided by municipalities;
- Census of Canada;
- Statistics Canada surveys of trucking firms and urban transit;
- GO Transit administrative records;
- Statistics Canada's compilation of airport activity statistics;
- Revenue Canada, Customs and Excise data on international shipping;
- Canadian Transport Commission administrative data on coastwise shipping;
- St. Lawrence Seaway Authority administrative data;
- Statistics Canada survey of telephone systems;
- annual returns from CRTC licensees in radio and television broadcasting;
- newspaper and magazine circulation statistics.

The Ontario Ministry of Transportation and Communications publishes motor vehicle registration and road distances derived from administrative data, and makes estimates of travel on roads and highways based on systematic samples of traffic flows. The data are published annually in *Ontario Vehicle Statistics* and *Provincial Highways Traffic Volumes*. For further information, contact the Ministry of Transportation and Communications, Licensing and Control Branch, telephone Toronto, 248-3692, and the Highway Program Planning Office, telephone Toronto, 248-3066.

Journey-to-work statistics are developed by Statistics Canada from Census of Canada data on place-of-work and place-of-residence for respondents. The data are published in Statistics Canada's series 92. For a more complete discussion of the census, see Chapter 3, Population. Further information can be obtained from the Census Operations Division of Statistics Canada, telephone Ottawa, 990-9534.

The Statistics Canada census of motor carriers covers Canadian-domiciled motor carriers of freight with total operating revenues of $100,000 or more and which are primarily engaged in local and long-distance trucking. Excluded are establishments that haul their own goods, pool car operators, broker operators, most rail and air express companies, courier and messenger services and armoured car service. Operations domiciled in the U.S. which cannot provide separate statistics for their Canadian operations are also excluded. Household goods movers are covered by a separate survey. The data are published annually in *Motor Carriers: Freight and Household Goods Movers, (53-222)*.

Urban transit statistics are reported to Statistics Canada by the industry and are published in a monthly report, *Urban Transit, (53-003)*. For further information on the surveys of motor carriers and urban transit, contact the Transportation Division of Statistics Canada, telephone Ottawa, 990-8700.

Data on GO Transit are available in the GO *Transit Annual Report*. For further information, contact GO Transit, telephone Toronto, 630-5220.

Airport activity statistics are compiled by the Aviation Statistics Centre of Statistics Canada which maintains complete reporting of all scheduled traffic of Air Canada, CP Air, the five regional carriers, and non-Canadian carriers under the regulations of the Aeronautics Act. Not included are international charter services performed by aircraft with less than 18,000 pounds take-off weight, all domestic air charter services, and Canadian air carriers, other than the seven participating. Consequently, traffic for small airports is understated. The data are published in *Air Carrier Traffic at Canadian Airports, (51-203)*. For further information, contact the Aviation Statistics Centre, telephone Ottawa, 997-6942.

Statistics Canada's shipping data cover both international and coastwise shipping. International vessel traffic and origin and destination commodity statistics are compiled from data collected by Revenue Canada, Customs and Excise. Not included are fishing vessels, maintenance and service vessels, research vessels and other non-commercial vessels. A vessel is classed as being in coastwise shipping when it is of Canadian registry, sails between two Canadian ports and loads or unloads no foreign freight, or is of foreign registry but is granted a waiver by the Canadian Transport Commission to engage in coasting service. Cargo must be loaded and unloaded at Canadian ports. Domestic cargoes, loaded in one navigational season but not discharged until the following season, are recorded in the data for the later year. Data are not collected for cargo vessels under 15 net register tonnage and Canadian naval or fishing vessels. Data are published in *International Seaborne Shipping Port Statistics, (54-211)*, and *Coastwise Shipping Statistics, (54-210)*. Other data on shipping are published in a number of reports in Statistics Canada's series 54, and selected shipping data are available on CANSIM.

The St. Lawrence Seaway Authority provides data in its traffic reports on vessel transits and total tonnage passing through the Montreal-Lake Ontario Section and the Welland Canal. For further information, contact the St. Lawrence Seaway Authority, Transport Canada, telephone Ottawa, 598-4600.

Operating and financial data on railways are provided on a national basis by Statistics Canada. However, data on revenue freight carried by Class I and II railways are reported by province. The data show origin, termination, and connection to U.S. railways for more than 300 commodity groups. Data are published in *Railway Freight Traffic, (52-205)*, with selected series available on CANSIM. For further information on both rail and water transport, contact the Transportation Division of Statistics Canada, telephone Ottawa, 990-8700.

Statistics Canada's annual survey of telephone systems covers all domestic licensed telephone activity. Estimates of local telephone calls are based on periodic monitoring conducted by large telephone systems. Long distance calls are actual calls originating in the system. The data are published in *Telephone Statistics, (56-203)*.

Statistics Canada conducts an annual survey of radio and television broadcasting in co-operation with the CRTC. The survey covers all commercial broadcasting stations, and regional and national networks. Not included are cable television, pay television and non-commercial broadcasting stations operated by religious groups, educational institutions and provincial governments. Data are published in *Radio and Television Broadcasting, (56-204)*. Cable television statistics are produced from a separate survey of all cable television licensees with more than 1,000 subscribers. The data are published in *Cable Television, (56-205)*. Further information is available from the Transportation Division of Statistics Canada, telephone Ottawa, 990-8693 and the CRTC, telephone Ottawa, 997-3673.

Circulation statistics for newspapers and magazines are estimated by the Audit Bureau of Circulations. Further information can be obtained from the Audit Bureau of Circulations, Canadian Member Service Office, telephone Toronto, 366-8949. Estimates of total daily and non-daily newspapers circulation are compiled by Statistics Canada from various sources. Community newspapers, student newspapers and weekend tabloids are included with non-daily newspapers. The data are published in *Culture Statistics, Newspapers and Periodicals, (87-511)*. Further information is available from the Education, Culture and Tourism Division of Statistics Canada, telephone Ottawa, 990-9038.

Transportation and Communications

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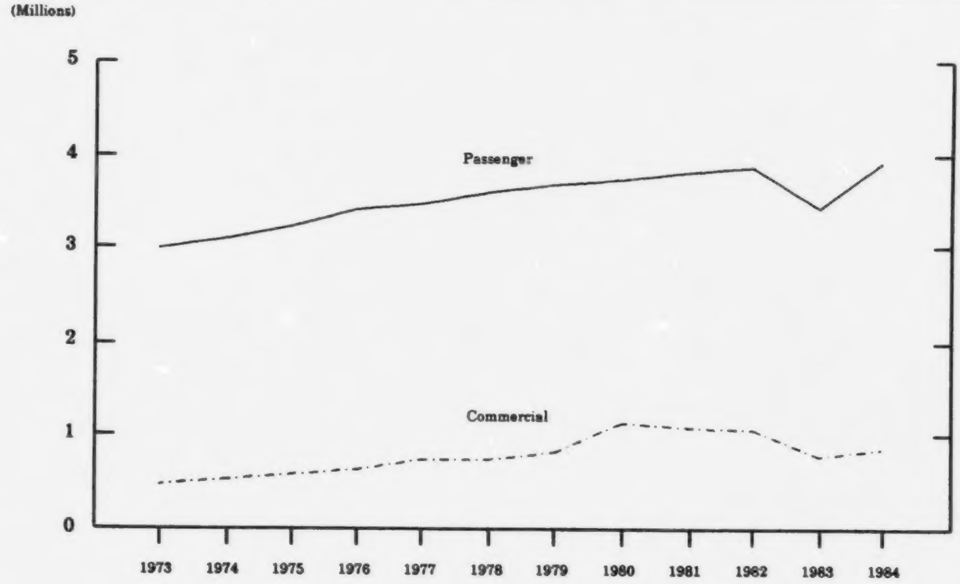
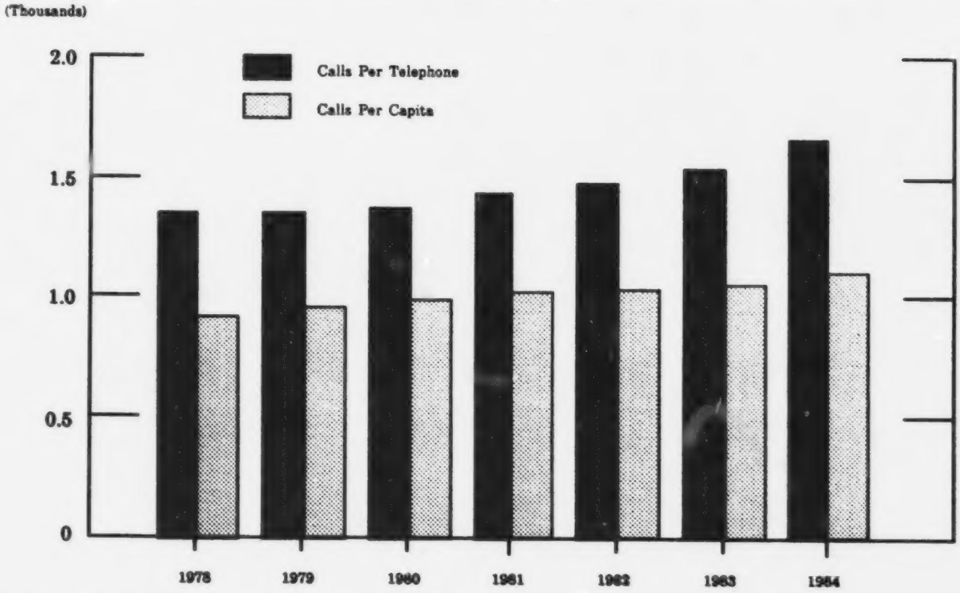
Chart 22.1 Vehicle Registrations by Class, Ontario, 1973 to 1984



Refer to Table 22.1

Chart 22.2 Telephone Calls, Ontario, 1978 to 1984



Refer to Table 22.15

Table 22.1 Vehicle Registrations by Class, Ontario, Selected Years, 1911 to 1984

Year	Passenger	Trailer	Commercial	Bus	Motor-cycle	Moped	Snow Vehicle	Total
					'000's			
1984	3,904.7	816.7	858.2	23.8	146.2	8.4	169.2	5,955.5
1983	3,417.9	766.6	775.5	21.5	133.3	8.1	13.4	5,136.3
1982	3,842.7	65.8	1,067.5	23.8	119.6	6.4	169.4	5,295.3
1981	3,831.0	105.4	1,089.9	22.5	107.2	7.2	171.0	5,334.2
1980	3,751.9	560.1	1,149.9	23.4	96.9	7.5	165.9	5,755.6
1979	3,692.0	587.9	834.4	21.6	91.0	8.1	195.2	5,430.1
1978	3,597.4	573.1	771.0	19.8	86.4	9.5	199.5	5,256.7
1977	3,490.5	553.0	746.9	20.2	82.9	11.8	199.9	5,105.2
1976	3,341.8	526.4	651.4	18.4	78.3	12.4	209.3	4,838.1
1975	3,224.6	500.2	597.7	16.9	72.5	. . .	206.0	4,617.8
1974	3,111.4	475.1	548.8	15.5	67.1	. . .	202.7	4,420.6
1973	3,002.1	451.3	504.9	14.2	62.2	. . .	199.4	4,234.2
1972	2,848.9	420.7	452.3	14.3	57.7	. . .	. . .	3,807.1
1971	2,713.1	380.1	418.2	13.6	52.8	. . .	. . .	3,589.9
1966	2,235.5	182.1	360.7	9.3	38.0	. . .	. . .	2,825.6
1961	1,744.4	144.2	316.7	6.2	8.9	. . .	. . .	2,270.5
1956	1,401.3	100.5	293.0	4.3	11.7	. . .	. . .	1,810.7
1951	966.4	73.5	225.3	. .	13.5	. . .	. . .	1,278.6
1941	638.3	36.3	95.0	. .	5.9	. . .	. . .	775.5
1931	493.9	10.0	64.3	. .	4.1	. . .	. . .	572.2
1921	182.0	0.3	19.6	. .	5.0	. . .	. . .	206.8
1911	11.3	. . .	. . .	. . .	. . .	. . .	. . .	11.3

Source: Ministry of Transportation and Communications, *Registrant/Plate/Vehicle Population Statistics.*

Notes:
1. Passenger includes dual purpose vehicles.
2. Commercial includes truck, tractor and farm vehicles. From 1916 to 1955 buses are included in Commercial.
3. Bus includes school buses.
4. Starting from 1981, trailers carry lifetime registrations. Therefore, data from 1981 on reflect new registrations only.
5. Starting from 1983, snow vehicles carry lifetime registrations. Therefore, data from 1983 on, reflect new registrations only.
6. Total vehicle registration for 1984 includes 28,368 off road vehicles. Off Road registration began in February, 1984. These vehicles are not registered for use on the road, e.g. trail bikes, three wheeled vehicles (all-terrain) and other recreational vehicles.

Table 22.2 Road and Highway Distances, Ontario, 1976 to 1983

Year	Provincial			Roads	
	Highways		Tertiary Roads		
	King's	Secondary		County	Regional Municipal
			kilometres		
1983	15,856	5,465	214	12,368	7,394
1982	15,953	5,265	322	12,258	7,368
1981	15,977	5,250	382	12,197	7,279
1980	15,861	5,345	382	12,567	6,810
1979	15,838	5,208	518	12,593	6,795
1978	15,854	5,184	406	12,538	6,839
1977	15,896	5,173	406	12,465	6,849
1976	15,824	5,102	325	12,397	6,580

Table 22.2 (cont'd.)

	Roads (cont'd.)				
		Township			
Year	Metropolitan	Organized	Unorganized	Streets	Total Road System
			kilometres		
1983	728	67,820	9,610	33,345	152,800
1982	733	67,576	9,626	33,073	152,173
1981	720	67,942	9,291	32,547	151,586
1980	722	75,010	9,473	33,973	160,142
1979	722	74,950	9,969	33,532	160,124
1978	724	74,674	10,103	33,094	159,416
1977	722	75,190	9,849	32,291	158,842
1976	720	75,014	9,913	32,316	158,190

Source: Ministry of Transportation and Communications.

Notes: 1. 1981 and 1982 data for municipal road distances have been reduced by deducting distances for road allowances where no road actually exists. This practice will be followed in future.

2. Streets includes those in cities, towns, boroughs and villages.

Table 22.3 Estimated Travel on Roads and Highways, Ontario, 1971 to 1984

	Highways					
Year	Freeways	King's	Secondary	Total	Other Roads	Total
			millions of vehicle kilometres			
1984	16,899.0	16,573.6	803.3	34,291.0	32,431.0	66,723.0
1983	16,228.9	16,459.4	802.6	33,503.5	31,855.3	65,358.8
1982	15,335.5	16,649.9	807.7	32,804.3	33.479.7	66,284.0
1981	15,199.6	16,906.8	787.0	32,908.4	37,997.6	70,906.0
1980	15,609.7	16,962.5	765.8	33,338.0	39,153.5	72,491.5
1979	15,172.8	17,169.4	733.8	33,076.0	39,085.4	72,161.4
1978	14,678.2	17,075.3	700.6	32,454.1	36,862.9	69,317.0
1977	13,691.5	16,964.5	693.9	31,349.9	34,840.4	66,190.3
1976	12,987.8	16,511.2	664.0	30,163.0	34,784.5	64,947.5
1975	12,322.3	15,648.6	579.3	28,550.2	35,872.4	64,422.6
1974	11,642.4	15,013.7	584.1	27,240.2	36,193.9	63,434.1
1973	11,006.3	14,802.5	646.3	26,455.0	34,357.2	60,812.2
1972	10,010.7	14,630.9	645.8	25,287.4	30,844.7	56,132.1
1971	9,015.2	14,216.1	656.4	23,887.7	26,679.0	50,566.7

Source: Ministry of Transportation and Communications, *Provincial Highways, Traffic Volumes.*

Notes: 1. Estimated travel is measured in millions of vehicle kilometres per annum. The estimate is of the total number of kilometres travelled by all vehicles using the roads and highways during the year.

2. Estimated travel for highways is calculated from traffic volumes. Systematic samples of existing traffic flows are obtained throughout the year and the traffic volumes have been calculated from them using accepted mathematical models.

3. Total estimated travel is calculated from total taxed gasoline and motor fuel sales and average fuel consumption.

4. Estimated travel for Other Roads is calculated as a residual from Total estimated travel and estimated travel on highways.

Table 22.4 Accidents on Roads and Highways, Ontario, 1971 to 1984

Year	Highways					
	Freeways		King's		Secondary	
	#	rate	#	rate	#	rate
1984	13,036	0.7	19,482	1.1	1,251	1.5
1983	11,729	0.7	18,062	1.0	1,091	1.3
1982	11,934	0.8	18,217	1.1	1,216	1.5
1981	12,410	0.8	20,525	1.2	1,266	1.6
1980	10,913	0.7	20,760	1.2	1,287	1.7
1979	11,524	0.8	21,648	1.3	1,252	1.7
1978	11,304	0.8	20,161	1.2	1,080	1.5
1977	12,937	0.9	23,944	1.4	1,185	1.7
1976	12,100	0.9	24,613	1.5	1,402	2.1
1975	12,795	1.0	27,561	1.8	1,372	2.4
1974	12,600	1.1	25,321	1.7	1,280	2.2
1973	12,240	1.1	24,793	1.7	1,214	1.9
1972	11,591	1.2	25,433	1.7	1,292	2.0
1971	8,573	1.0	24,153	1.7	1,352	2.1

Table 22.4 (cont'd.)

Year	Total on Highways		Other Roads		Total	
	#	rate	#	rate	#	rate
1984	33,782	0.9	161,000	4.9	194,782	2.9
1983	30,894	0.9	151,105	4.7	181,999	2.8
1982	31,381	1.0	156,562	4.7	187,943	2.8
1981	34,229	1.0	164,143	4.3	198,372	2.8
1980	32,960	1.0	163,541	4.2	196,501	2.7
1979	34,424	1.0	162,772	4.2	197,196	2.7
1978	32,545	1.0	153,818	4.2	186,363	2.7
1977	38,066	1.2	180,621	5.2	218,687	3.3
1976	38,115	1.3	173,750	5.0	211,865	3.3
1975	41,728	1.5	171,661	4.8	213,689	3.3
1974	39,201	1.4	165,070	4.6	204,271	3.2
1973	38,247	1.4	154,774	4.5	193,021	3.2
1972	38,316	1.5	151,178	4.9	189,444	3.4
1971	34,078	1.4	124,753	4.7	158,831	3.1

Source: Ministry of Transportation and Communications, *Provincial Highways, Traffic Volumes.*

Notes: 1. The accident rate is based on the estimated travel distances in Table 22.3, i.e. the rate per million vehicle kilometres of travel.
2. Accidents reported are defined as those causing any death or injury, or damage exceeding $400. Accidents on freeway ramps have not been included.

Table 22.5 Truck Transport Equipment Operated by Motor Carriers, Ontario and Other Regions of Canada, 1974 to 1983

Year	Trucks	Truck-tractors	Semi-trailers	Full Trailers	Other Equipment	Total
			number			
1983						
Ontario	6,587	13,142	32,470	598	2,147	54,944
Atlantic	971	1,738	4,013	83	258	7,063
Quebec	4,832	6,169	13,123	675	1,193	25,992
West	5,260	10,078	26,637	1,013	2,191	45,179
Canada	17,650	31,127	76,243	2,369	5,789	133,178
Ontario % of Canada	37.3	42.2	42.6	25.2	37.1	41.3
Ontario						
1982	6,732	12,782	31,486	597	1,874	53,471
1981	7,067	13,549	30,188	472	1,723	52,999
1980	7,190	14,332	33,006	456	1,753	56,737
1979	7,414	14,154	31,860	1,305	1,703	56,436
1978	7,351	13,999	30,510	1,547	1,453	54,860
1977	6,994	13,438	28,036	1,716	1,372	51,556
1976	6,440	12,959	26,372	2,600	1,266	49,637
1975	7,144	12,881	25,342	2,178	1,506	49,051
1974	13,460	15,593	25,488	3,879	1,599	60,019

Source: Statistics Canada, *Motor Carriers–Freight and Household Goods Movers*. (53-222).

Notes: 1. Data exclude household goods movers.
2. Data are compiled for establishments with total gross operating revenues of $100,000 and over.
3. Data compiled by province or territory of domicile.

Table 22.6 Urban Transit, Distance Run by Type of Service, Ontario, 1975 to 1984

Year	Urban & Suburban Services					Other Services	Total
	Bus	Trolley Coach	Street Car	Subway	Total		
				'000's kilometres			
1984	219,967	8,454	14,800	69,573	312,794	2,439	315,233
1983	216,323	8,929	14,967	69,039	309,258	2,780	312,038
1982	212,721	8,815	15,115	69,545	306,195	3,238	309,433
1981	203,277	9,728	14,924	68,471	296,401	3,308	299,709
1980	194,879	9,748	14,980	61,720	281,328	3,253	284,580
1979	185,872	9,747	14,613	60,361	270,592	3,269	273,862
1978	182,784	9,654	14,963	61,106	268,507	3,532	272,039
1977	163,681	9,682	15,221	54,095	242,678	2,900	245,578
1976	161,672	8,962	15,128	56,324	242,086	2,887	244,973
1975	157,799	8,634	16,754	54,351	237,538	3,408	240,946

Sources: Statistics Canada, *Urban Transit*, (53-003).
Ministry of Transportation and Communications.

Note: Other Services includes charters, school buses, contract and tours.

Table 22.7 Go Transit, Passengers and Routes Operated, Ontario, 1980/81 to 1984/85

Years	Passengers			Routes Operated			Kilometres Operated		
	Rail	Bus	Total	Rail	Bus	Total	Rail	Bus	Total
		'000's			kilometres			'000's kilometres	
1984/85	14,701	10,335	25,036	341	1,103	1,444	1,716	13,996	15,712
1983/84	14,148	10,234	24,382	341	1,127	1,468	1,700	13,565	15,265
1982/83r	13,580	9,507	23,087	341	1,098	1,439	1,691	12,879	14,570
1981/82	13,202	9,080	22,282	228	1,207	1,435	1,484	12,033	13,517
1980/81	12,531	8,304	20,835	178	1,327	1,505	1,338	11,371	12,709

Source: Go Transit, *Annual Report*.

Note: Data are for year ending March 31.

Table 22.8 Major Airports: Flights, Passengers, Mail and Cargo Traffic, Ontario, 1976 to 1983

Year	Flights	Passengers	Mail	Cargo
	#	'000's	'000's kilograms	
Toronto International				
1983	139,493	12,008	42,331	184,669
1982	140,199	12,240	40,010	167,619
1981	142,517	13,423	36,846	170,561
1980	140,525	13,494	37,918	172,949
1979	134,054	12,938	36,179	176,626
1978	126,872	11,216	35,551	161,892
1977	128,096	10,526	35,864	152,019
1976	132,383	10,071	32,391	145,643
Ottawa International				
1983	32,837	1,795	5,807	4,704
1982	30,736	1,804	5,611	4,849
1981	30,735	1,877	5,520	5,324
1980	35,490	1,916	5,471	5,490
1979	36,170	1,839	5,494	5,383
1978	32,942	1,647	6,240	5,381
1977	33,225	1,577	7,006	5,555
1976	34,717	1,501	6,694	5,890
Thunder Bay				
1983	6,765	346	1,100	1,025
1982	7,026	361	963	1,108
1981	9,314	428	915	1,640
1980	10,680	449	992	1,781
1979	9,842	427	958	1,688
1978	9,613	389	884	1,785
1977	9,313	368	875	1,914
1976	8,473	346	808	1,742
Windsor				
1983	3,444	172	864	514
1982	4,385	213	867	575
1981	4,903	261	790	800
1980	5,402	292	946	1,043
1979	5,387	288	766	1,339
1978	5,220	247	627	1,110
1977	5,501	240	607	1,208
1976	5,427	246	483	1,022
Sudbury				
1983	2,978	135	910	244
1982	3,343	155	707	248
1981	4,005	197	578	295
1980	4,120	216	661	320
1979	4,176	210	536	304
1978	4,096	184	496	277
1977	4,005	178	575	333
1976	4,189	181	638	339

Table 22.8 (cont'd.)

Year	Flights	Passengers	Mail	Cargo
	#	'000's	'000's kilograms	
Timmins				
1983	1,966	97	148	149
1982	1,983	105	117	147
1981	2,136	120	114	200
1980	2,166	120	144	186
1979	2,137	108	143	177
1978	2,068	93	139	159
1977	1,941	94	162	147
1976	1,919	94	151	178
North Bay				
1983	3,027	57	324	173
1982	3,404	70	153	210
1981	3,416	80	140	363
1980	3,518	86	223	376
1979	3,926	82	243	314
1978	4,170	71	228	253
1977	. .	. .	. .	. .
1976	. .	. .	. .	. .
Sault Ste. Marie				
1983	4,157	148	253	177
1982	3,095	151	231	160
1981	4,387	189	205	235
1980	4,925	193	215	199
1979	4,361	180	184	209
1978	4,243	158	207	272
1977	4,120	149	218	280
1976	3,887	148	215	349
Hamilton				
1983	. .	. .	. .	. .
1982	. .	. .	. .	. .
1981	3,217	87	150	113
1980	4,712	135	117	273
1979	4,615	121	69	602
1978	4,511	110	64	592
1977	4,543	98	54	597
1976	4,671	92	41	493

Source: Statistics Canada, *Carrier Traffic at Canadian Airports*, (51-203).

Notes: 1. The data cover scheduled international and mainline domestic flights.
2. Flights refers to total arriving plus departing flights.
3. Passengers refers to the total of those who land and disembark plus those who embark and take off, revenue and non-revenue.
4. Mail is the total of unloaded and loaded mail for which remuneration is received.
5. Cargo is the total of unloaded and loaded cargo for which any tariff charge is assessed.

Table 22.9 Vessel Movement and Cargoes Handled in International Seaborne Shipping, Selected Ports, Ontario, 1976 to 1983

Year	Courtright		Hamilton		Lakeview		Nanticoke	
	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo
	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes
1983	179	3,420.9	591	5,429.7	65	897.1	431	5,052.1
1982	104	2,147.1	684	4,763.0	200	2,637.0	471	5,553.9
1981	120	3,216.0	817	6,354.7	46	1,179.8	384	4,741.1
1980	6	88.5	1,083	8,294.8	4	53.6	272	2,852.5
1979	10	113.4	1,038	8,034.5	13	178.4	337	4,114.6
1978	. .	. .	. .	. .	. .	. .	. .	. .
1977	1	27.1	756	5,669.4	176	2,345.6	246	3,443.9
1976	9	64.4	893	7,666.2	140	1,933.8	234	3,603.9

Table 22.9 (cont'd.)

Year	Port Colborne		Sarnia		Sault Ste. Marie		Thunder Bay	
	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo
	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes
1983	69	430.4	1,506	2,150.3	777	4,520.7	718	2,973.3
1982	69	209.0	1,143	2,057.7	430	3,012.5	687	3,119.2
1981	189	1,110.1	1,702	2,533.0	757	5,515.3	860	3,282.1
1980	189	1,121.3	1,879	5,209.8	735	5,392.9	943	4,249.7
1979	140	1,219.6	1,959	5,774.6	820	5,581.0	984	3,463.7
1978	. .	. .	. .	. .	. .	. .	. .	. .
1977	193	913.0	1,816	4,634.7	573	3,765.5	1,245	3,782.5
1976	236	1,082.1	1,789	4,680.2	601	4,534.1	1,109	3,594.8

Table 22.9 (cont'd.)

Year	Toronto		Windsor		Great Lakes		Great Lakes % of Canada	
	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo
	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes		
1983	300	654.7	3,019	1,459.1	15,408	31,707.6	30.5	17.8
1982	327	844.1	2,742	2,115.0	14,735	29,475.3	29.9	16.9
1981	376	857.6	3,179	2,032.2	13,806	34,728	27.3	16.3
1980	404	1,344.5	2,752	1,838.8	17,134	36,457	29.7	17.2
1979	421	1,306.0	2,980	2,319.4	17,922	40,069	30.7	18.1
1978	. .	. .	. .	. .	. .	. .	. .	. .
1977	666	1,156.5	3,141	1,664.0	9,996	32,768	21.4	18.3
1976	757	1,309.2	3,078	1,619.9	9,942	35,669	22.6	18.9

Source: Statistics Canada, *International Seaborne Shipping Port Statistics, (54-211).*

Notes:
1. The Great Lakes region consists of those ports located along the St. Lawrence River west of the Ontario-Quebec border, and on the Great Lakes. Most Ontario ports are in this region.
2. Vessel movements equal total arrivals and departures.
3. Cargo handled is total loaded and unloaded.

Table 22.10 Cargoes Handled in Coastwise Shipping, Selected Ports, Ontario, 1978 to 1984

Year	Clarkson	Colborne	Hamilton	Nanticoke	Sarnia
			'000's tonnes		
1984	1,776.3	1,560.8	5,628.3	3,856.3	1,902.5
1983	1,118.2	929.2	4,183.5	3,624.0	2,202.1
1982	1,302.4	1,078.9	3,164.8	2,702.8	2,402.0
1981	1,909.0	1,423.5	4,090.1	2,418.8	3,532.4
1980	1,918.8	1,519.9	5,902.9	3,044.9	3,460.4
1979	2,675.5	2,408.6	6,517.3	2,364.2	4,094.2
1978	2,572.2	2,282.8	6,444.4	105.0	3,831.0

Table 22.10 (cont'd.)

Year	Thunder Bay	Toronto	Windsor	Other	Total
			'000's tonnes		
1984	20,438.7	995.4	1,391.8	6,920.2	44,470.3
1983	20,890.0	1,024.0	1,539.3	7,072.3	42,582.7
1982	19,219.9	727.1	991.5	6,436.6	38,026.0
1981	16,340.6	1,090.1	1,496.6	7,598.2	39,899.3
1980	18,130.4	1,141.5	1,106.5	7,511.3	43,736.6
1979	16,959.8	1,215.5	1,099.0	8,951.4	46,285.5
1978	17,952.9	1,612.4	1,149.3	9,657.4	45,607.4

Source: Statistics Canada, *Coastwise Shipping Statistics, (54-210)*.

Note: Coastwise shipping records cargoes handled in intraprovincial or interprovincial trade at Canadian ports.

Table 22.11 St. Lawrence Seaway Tonnage and Transits, Selected Years, 1961 to 1984

	Montreal-Lake Ontario Section		Welland Canal	
Year	Transits	Tonnes	Transits	Tonnes
	#	'000's	#	'000's
1984	3,597	47,505	4,555	53,917
1983	3,711	45,061	4,545	50,145
1982	4,127	42,815	4,951	49,024
1981	4,376	50,569	5,691	58,851
1980	4,772	49,454	6,321	59,606
1979	4,667	55,322	6,313	66,165
1978	5,080	56,943	6,386	65,671
1977	4,994	57,457	5,930	65,079
1976	4,662	49,349	5,618	58,369
1975	4,507	43,555	5,712	54,295
1974	4,009	40,050	4,917	47,501
1973	5,824	52,286	6,527	60,959
1972	5,781	48,608	6,573	58,147
1971	5,852	48,035	6,599	57,071
1966	6,945	44,679	8,373	53,771
1961	6,307	21,245	7,600	28,536

Source: The St. Lawrence Seaway Authority, *Traffic Report of the St. Lawrence Seaway*.

Note: Tug and Barge combinations are counted as one transit unit. Pleasure craft are excluded. Non-toll traffic is excluded.

Table 22.12 St. Lawrence Seaway Traffic Summary, by Type of Cargo, 1971 to 1984

					Processed Products			
	Agricultural Products		Mine Products		Fuel Oil & Petroleum		Miscel- laneous	
Year	Grains	Other	Coal & Coke	Other	Products	Other	Cargo	Total
				'000's tonnes				
Montreal-Lake Ontario Section								
1984	23,501	149	1,246	13,556	1,135	7,763	156	47,505
1983	24,263	186	988	12,093	1,309	6,101	120	45,061
1982	24,265	251	1,835	8,928	1,383	5,995	159	42,815
1981	24,463	210	2,538	15,319	2,202	5,599	237	50,569
1980	26,752	168	1,627	13,264	2,032	5,354	256	49,454
1979	24,722	197	2,820	17,584	2,744	6,993	262	55,322
1978	27,736	149	3,427	15,657	2,370	7,262	342	56,943
1977	21,608	208	2,242	22,792	2,173	8,074	360	57,457
1976	18,471	284	1,966	20,539	1,589	6,144	355	49,349
1975	19,169	272	1,231	15,299	1,891	5,418	274	43,555
1974	14,316	357	1,366	15,962	1,945	5,755	350	40,050
1973	21,435	639	991	16,859	3,504	8,356	502	52,286
1972	20,675	660	784	13,181	2,979	9,573	756	48,608
1971	19,635	858	773	13,877	2,321	9,486	1,085	48,035
Welland Canal Section								
1984	24,441	126	7,462	13,708	1,081	6,988	112	53,917
1983	24,804	165	6,178	11,917	1,183	5,822	76	50,145
1982	25,193	210	7,898	9,457	1,438	4,710	118	49,024
1981	25,566	180	7,547	17,811	2,152	5,179	415	58,851
1980	28,149	108	8,728	15,290	2,023	4,852	456	59,606
1979	26,131	149	10,294	19,602	2,082	7,461	446	66,165
1978	28,916	97	7,934	19,614	1,298	7,336	476	65,671
1977	22,809	153	8,836	23,725	1,070	8,000	486	65,079
1976	19,458	203	8,491	23,170	777	5,766	506	58,369
1975	20,577	205	8,504	18,400	1,111	5,025	473	54,295
1974	15,708	238	6,327	18,071	1,163	5,539	455	47,501
1973	22,592	563	7,976	19,524	2,020	7,724	561	60,959
1972	21,632	532	9,559	15,777	1,270	8,677	701	58,147
1971	20,884	712	8,836	15,451	1,142	9,043	1,004	57,071

Source: The St. Lawrence Seaway Authority, *Statistics, Annual Traffic Report.*

Note: For Coal & Coke, the 1978 to 1982 figures include Anthracite and Bituminous Coal.

Table 22.13 Revenue Freight Carried by Railways within Ontario, 1976 to 1983

Year	Loaded Onto Railway Cars in Ontario		Freight Received From U.S. Rail & Destined to		Total Freight Traffic
	Cars	Freight	Canadian Points	U.S. Points	
	'000's	'000's tonnes			
Live Animals					
1983	--	0.5	0.1	–	0.6
1982	--	0.9	--	–	1.1
1981	0.1	1.9	0.2	–	2.1
1980	0.1	2.1	--	–	2.1
1979	0.1	1.4	--	–	1.4
1978	0.1	2.3	0.4	–	2.7
1977	0.1	1.8	0.2	0.2	2.2
1976	0.1	3.4	0.5	0.1	3.9
Food, Feed, Beverages & Tobacco					
1983	65.7	3,886.6	1,647.6	812.0	6,346.2
1982	79.0	4,554.9	1,344.9	626.6	6,526.4
1981	76.0	4,006.2	1,382.1	822.6	6,210.9
1980	84.1	4,270.3	1,420.4	1,060.3	6,750.9
1979	78.6	3,649.2	1,282.1	1,195.7	6,127.0
1978	76.4	3,800.6	1,496.2	1,277.4	6,574.2
1977	81.0	3,993.9	1,833.1	1,363.1	7,190.1
1976	81.9	4,041.1	1,791.0	1,447.5	7,279.6
Crude Materials Inedible					
1983	215.2	15,311.7	1,530.3	213.0	17,055.1
1982	185.6	13,264.1	1,574.2	176.9	15,015.2
1981	275.6	19,187.7	2,167.3	185.2	21,540.3
1980	323.0	22,314.2	2,619.8	221.0	25,154.9
1979	300.9	20,031.0	2,618.7	294.1	22,943.8
1978	338.9	24,960.3	2,771.3	301.4	28,033.0
1977	377.2	28,376.3	2,700.9	466.2	31,543.4
1976	377.6	28,536.2	2,627.8	440.8	31,604.8
Fabricated Materials Inedible					
1983	194.9	12,262.2	1,638.9	853.1	14,754.1
1982	181.7	11,017.2	1,507.5	748.7	13,273.4
1981	243.2	14,447.8	2,205.8	746.9	17,400.5
1980	240.4	13,959.8	2,215.6	806.1	16,981.5
1979	244.6	13,556.3	2,907.6	1,219.5	17,683.4
1978	233.6	14,218.8	2,839.5	1,248.0	18,306.4
1977	222.5	13,623.3	2,745.5	1,517.2	17,885.9
1976	208.6	12,496.5	2,744.9	1,484.9	16,726.3
End Products Inedible					
1983	119.4	2,353.4	1,486.8	166.2	4,006.4
1982	115.0	2,353.7	1,321.3	277.7	3,952.7
1981	137.3	2,994.4	1,656.1	377.1	5,027.7
1980	156.7	3,314.9	1,721.1	470.4	5,506.5
1979	180.6	3,964.7	2,049.9	635.6	6,650.3
1978	181.0	4,438.3	2,359.4	938.0	7,735.7
1977	184.2	4,488.1	2,475.0	1,050.5	8,013.7
1976	188.0	4,811.6	2,668.6	1,157.2	8,637.4

Table 22.13 (cont'd.)

Year	Loaded Onto Railway Cars in Ontario		Freight Received From U.S. Rail & Destined to		Total Freight Traffic
	Cars	Freight	Canadian Points	U.S. Points	
	'000's		'000's tonnes		
Special Types of Traffic					
1983	138.2	3,581.2	489.4	55.4	4,125.9
1982	126.0	3,189.5	449.5	39.4	3,678.3
1981	141.0	3,449.3	471.5	45.6	3,966.4
1980	139.8	3,282.5	495.0	53.6	3,831.2
1979	162.3	3,823.0	530.0	67.6	4,420.5
1978	152.1	4,123.8	475.3	56.5	4,655.6
1977	140.5	3,903.4	410.5	62.6	4,376.5
1976	146.3	3,879.1	549.3	71.1	4,499.5
Total Carload Traffic					
1983	733.5	37,395.6	6,793.0	2,099.8	46,288.3
1982	687.3	34,380.3	6,197.5	1,869.3	42,447.1
1981	873.1	44,087.4	7,883.0	2,177.4	54,147.8
1980	944.1	47,143.8	8,471.9	2,611.5	58,227.2
1979	967.0	45,025.4	9,388.3	3,412.6	57,826.3
1978	982.1	51,544.2	9,942.1	3,821.3	65,307.5
1977	1,005.6	54,386.8	10,165.2	4,459.8	69,011.8
1976	1,002.5	53,767.9	10,382.1	4,601.6	68,751.6
Non-carload Shipments					
1983	. . .	105.6	0.2	--	105.8
1982	. . .	228.2	26.9	48.3	303.4
1981	. . .	170.7	0.1	--	170.8
1980	. . .	184.2	0.1	--	184.3
1979	. . .	216.1	0.2	--	216.4
1978	. . .	316.6	0.6	0.1	317.3
1977	. . .	359.8	0.3	--	360.2
1976	. . .	353.6	0.3	--	354.0
Total					
1983	. . .	37,501.2	6,793.1	2,099.8	46,394.1
1982	. . .	34,608.5	6,224.4	1,917.6	42,750.5
1981	. . .	44,258.1	7,883.2	2,177.5	54,318.7
1980	. . .	47,328.0	8,472.0	2,611.5	58,411.4
1979	. . .	45,241.6	9,388.4	3,412.6	58,042.7
1978	. . .	51,860.8	9,942.7	3,821.3	65,624.8
1977	. . .	54,746.7	10,165.5	4,459.8	69,372.0
1976	. . .	54,121.6	10,382.4	4,601.6	69,105.6

Source: Statistics Canada, *Railway Freight Traffic*, (52-205).

Note: Total Freight Traffic is initial haul.

Table 22.14 Telephones by Types of Service, Ontario, 1975 to 1984

Year	Individual Lines	Two or More Party Lines	Extensions	Public Pay Telephones	Other Types	
				'000's		
Residence						
1984	3,044.5	298.6	. .	–	––	36.9
1983	3,038.3	290.0	1,020.6	–	––	37.0
1982	2,838.5	327.3	1,183.3	–	––	37.0
1981	2,777.7	339.1	1,236.2	–	––	37.0
1980	2,688.8	353.0	1,290.5	–	––	37.6
1979	2,587.5	367.0	1,268.6	–	––	38.1
1978	2,504.2	380.7	1,199.0	–	––	38.4
1977	2,408.5	395.9	1,117.5	–	––	38.5
1976	2,307.1	413.1	1,040.2	–	––	38.5
1975	2,207.3	424.2	932.1	–	––	38.6
Business						
1984	629.6	5.0	. .	54.2	303.6	35.9
1983	491.8	4.6	386.2	56.1	788.4	35.4
1982	504.2	6.2	373.8	50.8	857.9	35.5
1981	516.2	6.1	393.0	47.8	910.3	36.1
1980	505.4	6.7	395.9	45.0	894.9	36.8
1979	487.2	10.1	401.1	42.8	849.0	37.6
1978	467.5	8.0	372.1	40.4	833.6	38.0
1977	445.5	8.7	356.8	37.8	803.3	38.3
1976	424.8	9.0	342.4	35.0	777.5	38.5
1975	404.3	9.1	327.4	33.7	753.5	38.9
Total						
1984	3,674.1	303.6	1,694.7	54.2	303.6	36.6
1983	3,530.1	294.6	1,406.8	56.1	788.5	36.5
1982	3,342.7	333.5	1,557.1	50.8	858.0	36.6
1981	3,293.9	345.2	1,629.1	47.8	910.3	36.7
1980	3,194.3	359.7	1,686.4	45.0	894.9	37.4
1979	3,074.7	377.1	1,669.7	42.8	849.0	38.0
1978	2,971.7	388.7	1,571.1	40.4	833.6	38.3
1977	2,854.0	404.7	1,474.3	37.8	803.4	38.5
1976	2,731.9	422.1	1,382.7	35.0	777.6	38.5
1975	2,611.6	433.3	1,259.5	33.7	753.6	38.7

Source: Statistics Canada, *Telephone Statistics*, (56-203).

Note: Other Types includes mobile, centrex and PBX telephones as well as Wide Area Telephone Service Lines (WATS).

Table 22.15 Telephone Calls, Ontario, 1976 to 1984

Year	Telephone Calls			Calls Per Telephone			Total Calls Per Capita
	Local	Long Distance	Total	Local	Long Distance	Total	
		millions			number		
1984	9,456	574	10,030	1,568	97	1,665	1,111
1983	8,903	530	9,433	1,465	89	1,554	1,061
1982	8,584	500	9,084	1,398	83	1,481	1,038
1981	8,457	496	8,953	1,358	81	1,439	1,033
1980	8,031	461	8,492	1,299	76	1,375	987
1979	7,723	432	8,155	1,284	73	1,357	955
1978	7,508	406	7,914	1,293	71	1,364	933
1977	7,336	372	7,708	1,316	68	1,384	913
1976	6,949	357	7,306	1,299	68	1,367	870

Source: Statistics Canada, *Telephone Statistics*, (56-203).

Table 22.16 AM and FM Stations by Language, Ontario and Other Regions of Canada, March, 1985

	English		French		Native		Multi-lingual		Total	
	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM
					number					
Originating Stations										
Ontario	92	70	4	3	2	1	3	–	101	74
Atlantic	61	19	4	3	–	4	–	–	65	26
Quebec	8	4	66	51	–	17	1	1	75	73
West	148	58	10	2	3	93	3	1	164	154
Canada	309	151	84	59	5	115	7	2	405	327
Ontario % of Canada	29.8	46.4	4.8	5.1	40.0	0.9	42.9	–	24.9	22.6
Re-broadcasting Stations										
Ontario	50	46	22	23	–	–	–	–	72	69
Atlantic	38	61	16	18	–	–	–	–	54	79
Quebec	16	30	44	65	–	1	–	–	60	96
West	156	198	9	24	1	10	–	–	166	232
Canada	260	335	91	130	1	11	–	–	352	476
Ontario % of Canada	19.2	13.7	24.2	17.7	–	–	–	–	20.5	14.5

Source: Canadian Radio, Television and Telecommunications Commission.

Notes:
1. Originating Stations originate (in whole or in part) a daily program schedule.
2. Rebroadcasting Stations rebroadcast the program schedule of another station, network or any other program source.
3. Native Stations broadcast predominantly in a Canadian Indian or Eskimo language with some broadcasting in English or French.
4. Multilingual Stations broadcast predominantly in languages other than English, French or Native.
5. FM broadcasting stations include stations that are providing the basic AM service on FM frequencies.

Table 22.17 Television Stations by Language, Ontario and Other Regions of Canada, March 1985

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Originating Stations						
English	27	15	4	36	82	32.9
French	2	2	27	3	34	5.9
Native	–	–	4	87	91	–
Multilingual	1	5	–	3	9	11.1
Total	30	22	35	129	216	13.9
Rebroadcasting Stations						
English	176	186	50	573	985	17.9
French	32	27	151	45	255	12.5
Native	–	–	–	6	6	–
Multilingual	–	–	1	–	1	–
Total	208	213	202	624	1,247	16.7
CANCOM	102	135	62	222	521	19.6
Total	340	370	299	975	1,984	17.1

Source: Canadian Radio, Television and Telecommunications Commission.

Notes:
1. See Tabes 22.16, notes 1 to 4.
2. CANCOM stands for Canadian Communications Satellite. The data refer to undertakings that are authorized by the Commission to receive and distribute Extension of Services signals, including Cable and STV undertakings to service remote areas.

Table 22.18 Revenue from Air Time Sales, Privately Owned Radio and Television Broadcasting Industry, Ontario and Other Regions of Canada, 1975 to 1984

	Radio Broadcasting				Television Broadcasting				
Year	Local	National	Network	Total	Local	National	Network	Total	Total
					$ '000's				
1984									
Ontario	126,704	55,456	-	182,160	39,240	227,261	48,386	314,887	497,048
Atlantic	40,509	6,736	6	47,251	14,333	17,921	13,304	45,558	92,809
Quebec	80,960	36,883	1,481	119,323	57,582	95,529	29,988	183,098	302,422
West	150,501	45,077	6	195,583	83,189	133,736	56,143	273,068	468,652
Canada	398,674	144,152	1,493	544,318	194,344	474,447	147,821	816,612	1,360,930
Ontario % of Canada	31.8	38.5	-	33.5	20.2	47.9	32.7	38.6	36.5
Ontario									
1983	114,782	50,641	124	165,547	32,756	201,692	47,782	282,230	447,777
1982	108,489	46,368	–	154,857	29,691	187,216	37,234	254,141	408,998
1981	104,155	44,665	92	148,913	26,005	165,756	30,216	221,976	370,889
1980	94,372	41,543	–	135,915	22,723	141,460	26,267	190,450	326,365
1979	85,771	39,878	8	125,656	17,615	124,585	22,415	164,615	290,271
1978	77,253	34,753	8	112,014	15,127	105,646	19,348	140,121	252,135
1977	68,043	31,218	9	99,270	13,198	86,851	17,844	117,893	217,163
1976	59,478	28,880	7	88,365	12,735	72,834	17,226	102,795	191,160
1975	51,926	25,359	15	77,300	13,454	58,480	14,186	86,120	163,420

Source: Statistics Canada, *Radio and Television Broadcasting*, (56-204).

Notes: 1. Local air time sales are advertising carried by radio and television stations on behalf of a local advertiser.
2. Network air time sales are advertising carried by radio and television stations originating from a national advertiser and usually contracted through an advertising agency and a national sales representative or a network.
3. Network time sales arrangements are generally made by the advertising agency directly with the television or radio network.

Table 22.19 Cable Television Subscribers and Revenue, Ontario and Other Regions of Canada, 1973 to 1983

	Subscribers		Operating Revenue From					
Year	Direct	Indirect	Direct Subscribers	Indirect Subscribers	Installation	Education Services	Other	Total
	'000's					$ '000's		
1983								
Ontario	1,668	351	167,272	15,274	9,098	--	65	191,710
Atlantic	281	26	30,849	1,090	1,437	–	123	33,498
Quebec	972	31	110,409	1,404	4,185	–	850	116,848
West	1,467	292	156,381	18,171	12,057	–	347	186,956
Canada	4,388	699	464,911	35,938	26,777	--	1,384	529,011
Ontario % of Canada	38.0	50.1	36.0	42.5	34.0	100.0	4.7	36.2
Ontario								
1982	1,624	369	150,035	14,414	7,989	3	3,002	175,443
1981	1,540	376	130,303	13,193	7,600	3	2,532	153,631
1980	1,450	361	117,443	13,196	6,477	3	2,043	139,162
1979	1,374	381	106,895	13,073	5,684	2	1,724	127,379
1978	1,279	367	95,279	12,139	5,167	--	1,068	113,653
1977	1,147	364	81,715	10,385	3,891	--	3,785	99,776
1976	1,082	371	75,723	6,923	3,364	28	5,723	91,760
1975	993	360	62,919	6,071	3,060	17	2,608	74,676
1974	910	318	52,194	4,273	2,892	43	1,308	60,710
1973	795	211	43,745	2,855	2,022	15	340	48,978

Source: Statistics Canada, *Cable Television*, (56-205).

Notes: 1. Direct Subscribers corresponds to the number of single dwellings billed directly by the cable system operator.
2. Indirect Subscribers corresponds to the number of subscribers billed under contract with a third party such as a landlord or community association.

Table 22.20 Daily and Non-daily Newspaper Circulation, Ontario and Other Regions of Canada, 1976 to 1983

Year	Dailies	Non-dailies	Circulation Dailies	Circulation Non-dailies	Circulation Total	Combined Circulation per 1,000 Population
	number		'000's			
1983						
Ontario	47	391	2,384.8	4,105.0	6,489.8	735.4
Atlantic	17	71	444.2	409.5	853.7	376.2
Quebec	11	252	1,136.1	4,120.6	5,256.7	807.5
West	43	440	1,594.6	3,713.2	5,307.8	729.1
Canada	118	1,154	5,559.9	12,348.5	17,908.4	719.7
Ontario % of Canada	39.8	33.9	42.9	33.2	36.2	[illegible]
Ontario						
1982	47	418	2,364.8	4,190.2	6,555.0	752.0
1981	47	423	2,376.0	4,188.0	6,564.0	761.0
1980	48	423	2,346.0	4,165.6	6,511.6	759.8
1979	50	475	2,306.0	4,302.9	6,608.9	777.3
1978	50	468	2,284.0	4,182.9	6,466.9	766.2
1977	50	405	2,237.5	3,271.0	5,508.5	659.4
1976	50	405	2,168.5	3,121.6	5,290.1	640.1

Source: Statistics Canada, *Culture Statistics. Newspapers and Periodicals*, (87-625, 87-511).

Notes: 1. The average circulation includes the number of copies sold either by subscription or retail sales, as well as the number of copies distributed free of charge, but not the number of stolen or uncirculated copies.

2. The data summarize circulation statistics obtained from Canadian Advertising Rates and Data (CARD). The reported data are average circulations per issue over the most recent six-month audit period available.

3. Combined Circulation per 1000 Population for 1982 and 1983 is based on data in Table 3.1.

Table 22.21 Circulation of Selected Daily Newspapers, Ontario, 1976 to 1984

Year	Toronto Star	Toronto Globe & Mail	Toronto Sun	Hamilton Spectator	London Free Press	Ottawa Citizen	Ottawa Le Droit
				number			
1984	502,604	319,941	250,482	143,515	127,053	182,032	42,431
1983	499,064	310,422	246,336	145,277	125,722	179,812	44,532
1982	485,138	323,691	242,416	148,545	125,719	173,054	44,155
1981	479,031	355,762	229,497	147,689	126,067	152,132	44,888
1980	480,961	286,983	223,592	148,401	129,206	123,986	46,576
1979	485,084	280,034	209,381	144,473	130,402	117,859	46,187
1978	486,286	263,079	175,604	143,618	130,027	109,737	45,035
1977	492,254	262,821	143,378	139,960	125,042	107,149	44,849
1976	488,942	259,042	125,783	137,579	124,798	98,866	42,778

Table 22.21 (cont'd.)

Year	Windsor Star	Kitchener Record	St. Catharines Standard	Sudbury Star	Kingston Whig-Standard	Thunder Bay Times/ Journal News Chronicle	Brantford Expositor
				number			
1984	86,280	74,895	41,799	28,688	35,925	37,020	32,418
1983	87,892	73,154	42,169	28,180	35,075	35,914	32,107
1982	90,737	72,816	42,493	30,243	34,868	35,392	31,977
1981	91,753	70,706	42,772	29,943	35,571	34,820	32,196
1980	91,051	70,445	43,257	32,051	35,932	34,768	32,196
1979	88,938	69,724	42,234	34,167	36,579	35,092	31,226
1978	88,362	68,396	42,694	33,072	36,253	33,612	30,469
1977	85,953	66,352	42,223	34,337	35,198	33,529	29,655
1976	84,004	64,348	41,043	35,062	35,401	33,232	28,558

Table 22.21 (cont'd.)

Year	Oshawa Times	Peterborough Examiner	Sault Ste. Marie Star	Niagara Falls Review	Welland Tribune	Guelph Mercury	Cornwall Standard Freeholder
				number			
1984	21,983	24,419	26,057	20,268	17,021	17,680	16,894
1983	21,732	23,880	26,197	20,153	16,399	17,362	16,892
1982	22,517	23,359	25,996	20,180	17,991	17,407	16,991
1981	21,987	23,258	26,040	20,712	18,667	17,528	17,237
1980	22,119	23,104	25,759	20,920	18,605	17,122	16,998
1979	24,009	22,767	25,642	21,258	18,864	17,530	16,711
1978	24,035	23,712	24,185	20,820	18,826	17,190	16,116
1977	24,201	24,034	23,292	20,425	18,692	16,406	15,601
1976	23,635	24,037	23,292	19,852	18,262	17,187	15,226

Source: Audit Bureau of Circulations.

Notes: 1. Circulation represents the daily average paid circulation.
2. Circulation excludes bulk sales, i.e. newspapers purchased by an agent, such as an airline, hotel, etc., and distributed free to clients.
3. Thunder Bay shows the combined circulation before merger of the two papers.

Table 22.22 Selected Magazine Circulation, Ontario, 1976 to 1984

Year	Reader's Digest	Chatelaine (English)	T.V. Guide	Maclean's	Legion	Time
				number		
1984	536,885	531,090	404,011	329,958	201,701	151,412
1983	530,888	539,850	427,245	315,538	199,003	147,380
1982	522,588	518,042	453,877	311,528	186,066	140,425
1981	516,274	503,315	502,133	305,945	191,597	132,052
1980	534,256	503,468	548,504	295,278	185,071	131,951
1979	502,571	474,130	572,506	292,488	182,343	133,536
1978	515,165	485,404	632,206	299,897	179,849	141,678
1977	502,232	457,784	637,453	294,226	178,437	137,827
1976	501,392	450,836	610,117	297,840	171,639	149,418

Table 22.22 (cont'd.)

Year	Flare	Toronto Life	Selection du Reader's Digest (French)	Chatelaine (French)	L'Actualité	T.V. HEBDO (French)
				number		
1984	100,326	89,830	10,208	9,416	10,222	4,553
1983	90,762	87,130	9,639	8,589	9,044	6,213
1982	88,494	81,953	9,237	8,624	8,683	3,283
1981	91,331	70,799	9,215	9,414	9,554	2,890
1980	93,479	68,955	9,756	9,857	10,365	3,391
1979	76,071	67,839	9,363	10,471	11,017	3,371
1978	79,555	68,482	9,323	14,997	12,059	3,768
1977	82,721	62,154	9,907	12,688	11,672	5,305
1976	81,105	52,220	7,783	13,397	12,029	3,729

Source: Audit Bureau of Circulations.

Notes: 1. Circulation figures are based on a selected issue of the particular magazine for each year.
2. T.V. Guide refers to Toronto–Lake Ontario issue. This magazine is now Canadian owned. In previous years circulation was derived from the surplus of U.S. sales.
3. L'Actualité is merger of Le Maclean and L'Actualité.
4. Flare is a name change from Miss Chatelaine in 1979.

Chapter 23
Retail and Wholesale Trade

Retail and Wholesale Trade

Retail and wholesale trade form a major component of the growing service sector of the Ontario economy, providing employment to more than 675,000 people. Ontario's retail and wholesale trade account for almost 40% of domestic marketing activity in Canada.

The retail trade industry includes establishments which are primarily engaged in the purchase and resale of goods and the provision of related services to consumers for household and personal use, through the operation of retail stores and vending machines, and by direct selling.

Wholesale trade covers establishments primarily engaged in the purchase and resale of goods to retailers, business users, and other wholesalers, or acting as agents or brokers in the above types of transactions. Certain trade establishments dealing in such goods as office equipment and furniture, lumber and building materials, farm supplies, fuel oil, and machinery and equipment, are classed as wholesale whether they sell to other businesses or to individuals because the establishment is often unable to segregate its sales by type of customer.

Sources of Data

The major sources of retail and wholesale trade data are:

- Statistics Canada's monthly and annual survey of department stores, chains and independent retail outlets, monthly survey of motor vehicle manufacturers and importers, and annual survey of vending machine operators;
- administrative data covering sales of alcoholic beverages and fuel compiled by Statistics Canada;
- estimates of cigarette sales made by the Addiction Research Foundation;
- monthly and annual surveys of wholesale establishments by Statistics Canada.

The monthly survey of some 16,000 department, chain and independent retail outlets provides data on total net sales volume by kind of business. This source provides no information on direct selling which bypasses the retail outlet. Net sales are calculated as receipts for new and used goods and for services such as repairs and rental of equipment, minus returns, adjustments and discounts. Data are for twenty-eight kinds of business stratified into chain and independent stores.

A chain is defined as an organization operating four or more retail outlets in the same kind of business, under the same legal ownership. Any firm, including franchise operations, which does not meet these criteria is classified as an independent; the only exception is for department stores which are all added into the chain component. Data are available back to 1929, but there is a break in data continuity between 1971 and 1972, because of changes in survey methodology. The data are published in *Retail Trade, (63-005)*. More information on department stores can be found in *Department Store Sales and Stocks, (63-002)*, with an advance release in *Department Store Sales by Region, (63-004)*.

The annual survey of retail chain and department stores collects data from all known stores in these categories and provides greater detail than is available monthly. The data are published in *Retail Chain and Department Stores, (63-210)*. Since data from this source are based on the financial years of respondents, caution should be exercised in making comparisons with calendar year totals from the monthly survey.

The monthly retail trade survey provides data on sales by motor vehicle dealers, including sales of new and used cars, parts and service. However, information on sales of new motor vehicles is also available from an exhaustive survey of all Canadian and American motor vehicle manufacturers and importers of foreign manufactured vehicles operating in Canada. These respondents provide data on sales by their dealers, broken down into domestic and overseas vehicles. Vehicles assembled in Canada or the United States and sold in Canada are considered domestic, while the overseas category covers fully assembled vehicles imported from countries other than the U.S. The results of this survey, published monthly in *New Motor Vehicle Sales, (63-007)*, are considered to be more timely and more reliable than those from the retail trade survey because the smaller number of respondents makes complete coverage feasible.

Statistics Canada also conducts an annual survey of some 700 vending machine operators. Excluded are operations with annual sales of less than $20,000 or with less than 10 full-size vending machines. The data are published in *Vending Machine Operators, (63-213)*.

Further information on any of the above surveys can be obtained from the Industry Division of Statistics Canada, telephone Ottawa, 991-3559. Aggregate data are available on CANSIM.

Data on alcoholic beverage sales by type, volume and value are collected on a fiscal year basis by Statistics Canada from provincial liquor authorities and published in *The Control and Sale of Alcoholic Beverages in Canada, (63-202)*. The report covers sales by the L.C.B.O. to final consumers and to licensed vendors and sales by retail outlets of wineries and breweries. The value data do not include mark-ups by licensees and therefore do not represent the final total value of retail sales. For additional information contact the Public Institutions Division of Statistics Canada, telephone Ottawa, 990-8556.

The Ontario Ministry of Revenue's Motor Fuels and Tobacco Tax Branch maintains records of fuel tax collected and motive fuel sales. These data are collected by Statistics Canada and published annually in *Road Motor Vehicles, Fuel Sales, (53-218)*. Information is available on sales of gasoline, diesel oil and liquified petroleum gas used for road transport purposes and road-vehicle type gasoline used in off-highway activities such as farming, forestry and mining. For further information, contact the Transportation Division of Statistics Canada, telephone Ottawa, 990-8693.

The Addiction Research Foundation (ARF) uses data on provincial tobacco tax revenue to estimate sales of cigarettes which it publishes in *Statistics on Alcohol and Drug Use in Ontario and Other Provinces.* Additional information can be obtained from the Statistical Information Section of ARF, telephone Toronto, 595-6091.

Statistics Canada's monthly survey of wholesale trade collects data from 1,500 wholesale merchants across Canada, stratified by kind of business. Agents and brokers, manufacturers' sales branches and primary product dealers are excluded from this survey. The results are published in *Wholesale Trade, (63-008)*, and are available on CANSIM.

The annual survey of wholesale establishments provides principal statistics for all businesses classified to the wholesale trade sector, whether merchants or broker/agents. This survey dates only from 1981; previously biennial surveys were conducted, with wholesale merchants covered in odd years and agents and brokers surveyed in the intervening years. The present survey is a census of all agents and brokers and large and medium-size wholesale merchants, combined with Revenue Canada administrative data for small businesses. Data from the survey are published in *Wholesale Trade Statistics, (63-226)*.

Wholesale trade statistics measure the total volume of wholesale trade. This amount will exceed the total value of goods passing through the wholesale sector to the extent that wholesale businesses sell to each other and, therefore, some goods are double counted. Further information is available from the Industry Division of Statistics Canada, telephone Ottawa, 991-3542.

A convenient source of Statistics Canada data related to wholesale and retail trade is the *Market Research Handbook, (63-224)*. Other possible sources of information are trade associations such as the Retail Merchants' Association of Canada (Ontario) Inc., telephone Toronto, 291-7903. The Maclean-Hunter Research Bureau publishes a number of directories and reports on retailing, telephone Toronto, 596-5284.

Retail and Wholesale Trade

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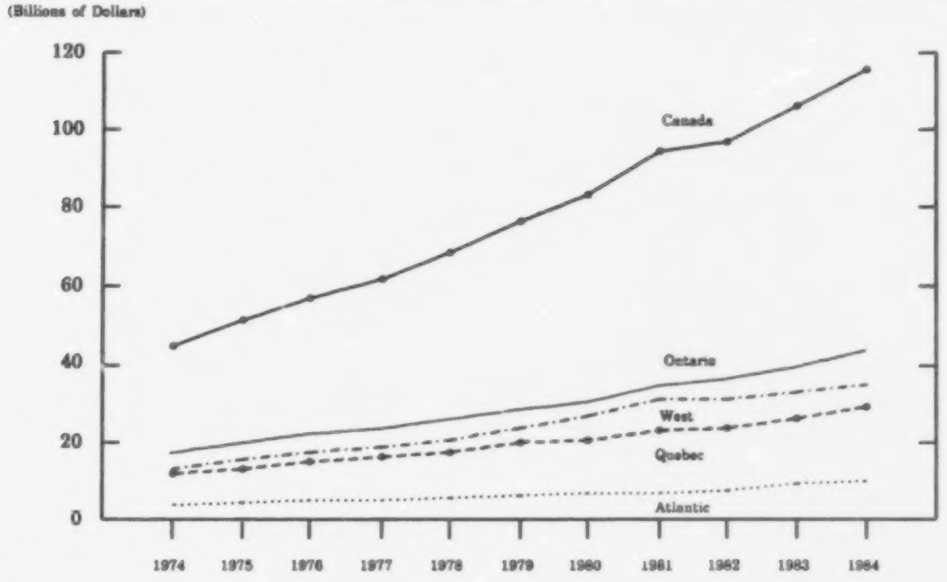
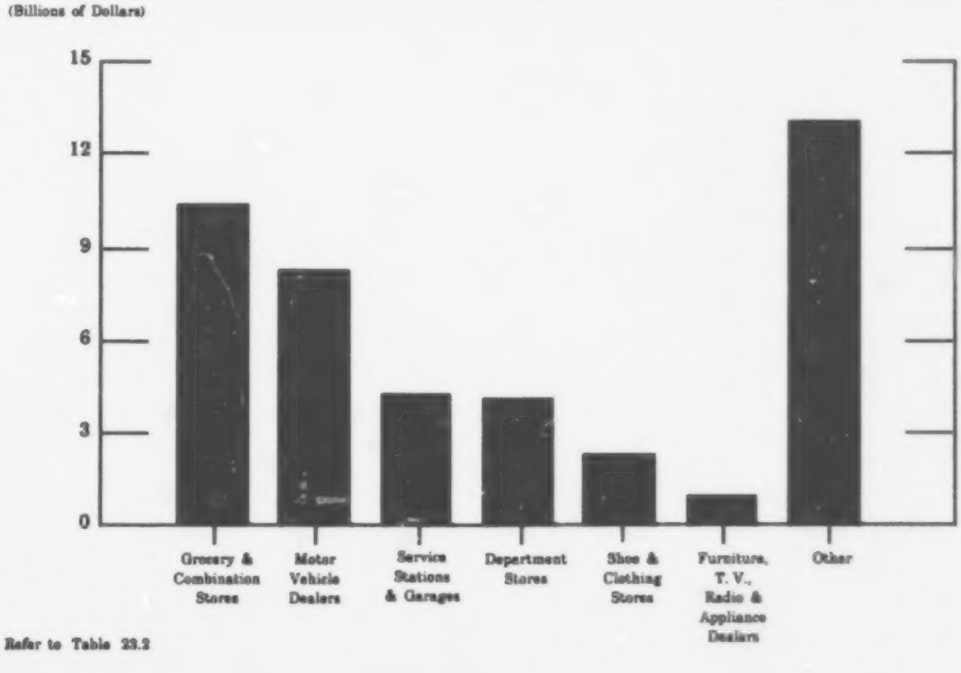
Chart 23.1 Retail Trade Sales, Ontario and Other Regions of Canada, 1974 to 1984



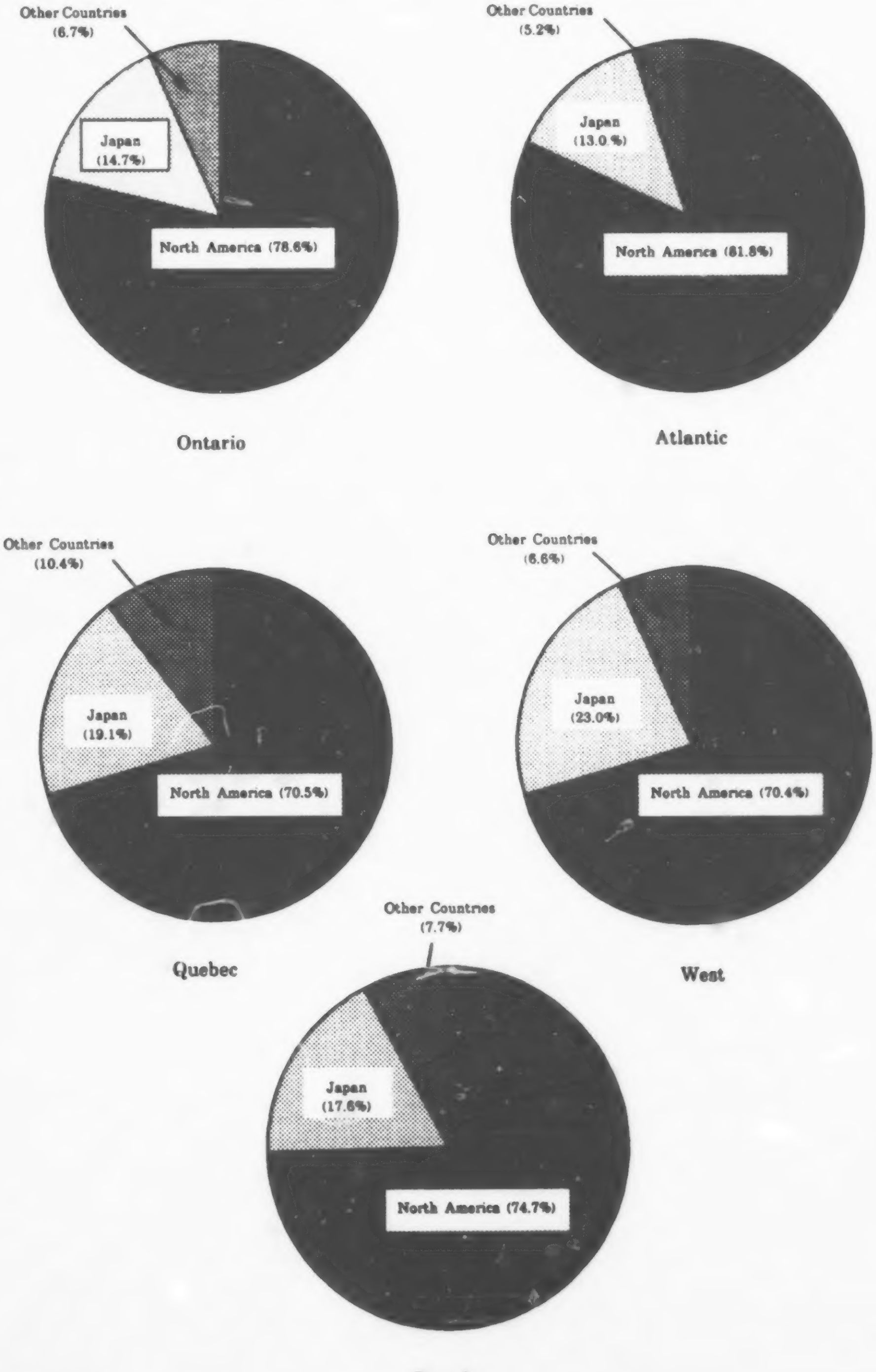
Refer to Table 23.1

Chart 23.2 Retail Trade Sales by Kind of Business, Ontario, 1984



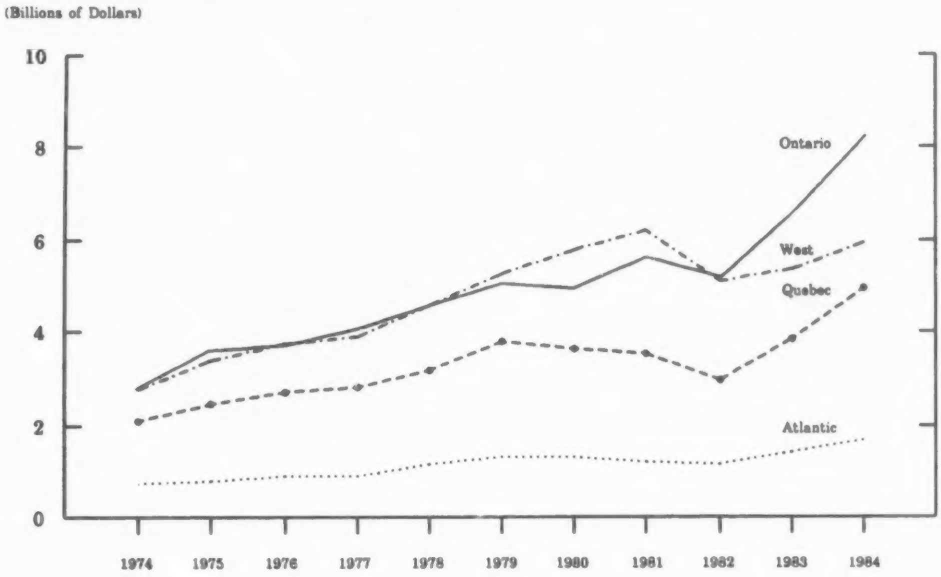
Refer to Table 23.2

Chart 23.3 New Passenger Car Sales by Origin, Ontario and Other Regions of Canada, 1984



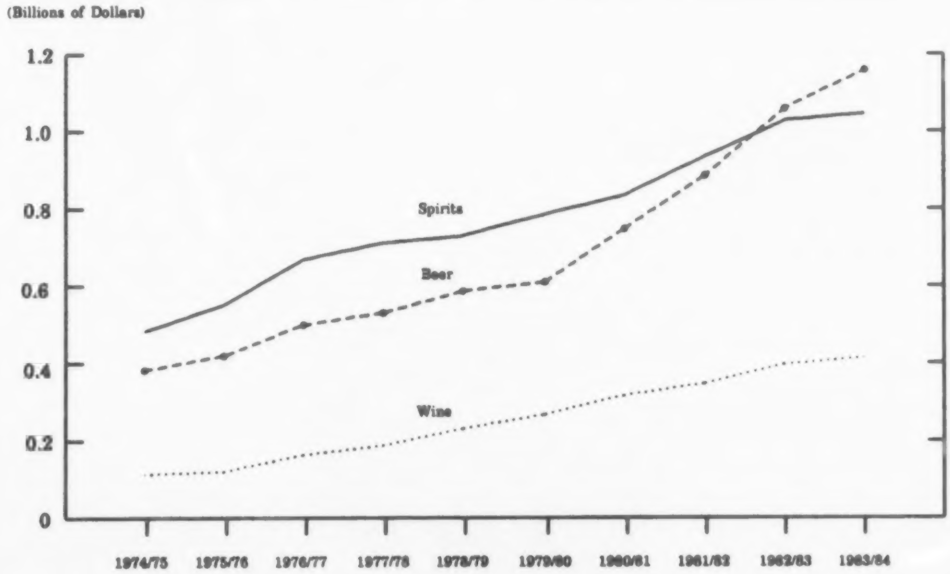
Refer to Table 23.9

Chart 23.4 Motor Vehicle Dealer Sales, Ontario and Other Regions of Canada, 1974 to 1984



Refer to Table 23.4

Chart 23.5 Alcoholic Beverage Sales, Ontario, 1974/75 to 1983/84



Refer to Table 23.13

Table 23.1 Retail Trade Sales, Ontario and Other Regions of Canada, 1972 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1984	43,465.7	9,567.3	29,005.9	34,041.0	116,079.9	37.4
1983	39,446.1	8,695.3	25,783.8	32,317.8	106,243.0	37.1
1982	35,543.3	7,720.0	23,496.8	30,878.4	97,638.5	36.4
1981	33,732.4	7,245.5	22,670.6	30,644.3	94,292.8	35.8
1980	29,666.2	6,627.9	20,894.9	26,837.6	84,026.6	35.3
1979	27,515.3	6,294.8	19,624.5	23,590.5	77,025.1	35.7
1978	25,186.3	5,615.2	17,196.0	20,781.0	68,778.6	36.6
1977	22,718.9	4,921.3	15,563.3	18,419.2	61,622.7	36.9
1976	21,057.0	4,624.7	14,447.9	16,998.0	57,127.6	36.9
1975	19,151.0	4,167.3	13,019.9	15,023.2	51,361.5	37.3
1974	16,569.8	3,638.0	11,385.3	13,145.5	44,738.6	37.0
1973	14,505.2	3,095.3	9,696.7	11,015.9	38,313.2	37.9
1972	13,058.4	2,786.0	8,611.9	9,630.0	34,086.2	38.3

Source: Statistics Canada, *Retail Trade*, (63-005).

Table 23.2 Retail Trade Sales by Kind of Business, Ontario, 1972 to 1984

Year	Grocery & Combination Stores	Motor Vehicle Dealers	Service Stations & Garages	Department Stores	Shoe & Clothing Stores	Furniture, T.V., Radio & Appliance Dealers	Other	Total
					$ millions			
1984	10,416.8	8,284.5	4,267.7	4,150.2	2,266.9	964.8	13,114.9	43,465.7
1983	9,853.1	6,606.7	3,863.9	3,969.3	2,047.1	1,002.4	12,103.6	39,446.1
1982	9,227.8	5,196.5	3,849.3	3,632.6	1,863.3	700.8	11,073.0	35,543.3
1981	8,419.6	5,642.1	3,500.0	3,597.4	1,835.7	800.3	9,937.3	33,732.4
1980	7,469.7	4,946.7	2,754.2	3,308.4	1,634.4	669.6	8,883.2	29,666.2
1979	6,749.4	5,050.3	2,357.3	3,085.2	1,546.3	629.7	8,097.1	27,515.3
1978	6,131.3	4,604.3	2,156.3	2,845.5	1,373.0	614.8	7,461.1	25,186.3
1977	5,503.6	4,077.8	1,973.8	2,583.2	1,255.1	571.1	6,754.3	22,718.9
1976	5,112.8	3,721.1	1,769.6	2,397.8	1,197.6	597.9	6,260.2	21,057.0
1975	4,577.9	3,595.3	1,468.8	2,165.3	1,023.7	589.9	5,730.1	19,151.0
1974	3,918.9	2,743.3	1,422.1	1,924.0	927.1	501.8	5,132.7	16,569.8
1973	3,301.4	2,568.3	1,176.0	1,649.9	842.2	468.5	4,498.9	14,505.2
1972	2,958.1	2,209.7	1,063.1	1,453.8	777.6	418.5	4,177.6	13,058.4

Source: Statistics Canada, *Retail Trade*, (63-005).

Table 23.3 Grocery and Combination Store Sales, Ontario and Other Regions of Canada, 1972 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1984	10,416.8	2,355.6	7,603.1	7,669.0	28,044.5	37.1
1983	9,853.1	2,209.3	6,938.8	7,235.8	26,237.1	37.6
1982	9,227.8	2,018.8	6,743.3	6,854.4	24,844.5	37.1
1981	8,419.6	1,854.4	6,390.3	6,194.1	22,858.3	36.8
1980	7,469.7	1,599.6	5,834.1	5,300.6	20,204.1	37.0
1979	6,749.4	1,483.4	5,284.2	4,681.6	18,198.7	37.1
1978	6,131.3	1,294.9	4,717.2	4,049.4	16,192.8	38.0
1977	5,503.6	1,136.7	4,250.4	3,480.1	14,370.8	38.3
1976	5,112.8	. .	3,824.7	3,119.6	13,155.8	38.9
1975	4,577.9	. .	3,597.3	2,816.1	11,983.8	38.2
1974	3,918.9	. .	2,964.2	2,539.0	10,262.9	38.2
1973	3,301.4	. .	2,538.1	2,082.7	8,594.9	38.4
1972	2,958.1	. .	2,267.5	1,876.8	7,721.3	38.3

Source: Statistics Canada, *Retail Trade*, (63-005).

Note: West excludes the Yukon and Northwest Territories from 1972 to 1976, due to confidentiality.

Table 23.4 Motor Vehicle Dealer Sales, Ontario and Other Regions of Canada, 1972 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1984	8,284.5	1,688.6	4,946.7	5,926.7	20,846.5	39.7
1983	6,606.7	1,400.6	3,834.5	5,356.2	17,198.0	38.4
1982	5,196.5	1,120.3	2,993.0	5,103.3	14,413.0	36.1
1981	5,642.1	1,206.0	3,521.3	6,177.6	16,546.9	34.1
1980	4,946.7	1,312.6	3,636.6	5,801.9	15,697.9	31.5
1979	5,050.3	1,316.3	3,802.7	5,252.1	15,421.4	32.7
1978	4,604.3	1,149.0	3,170.8	4,555.3	13,479.5	34.2
1977	4,077.8	912.6	2,826.8	3,932.4	11,749.7	34.7
1976	3,721.1	858.2	2,713.0	3,765.6	11,057.9	33.7
1975	3,595.3	795.9	2,425.6	3,366.9	10,183.7	35.3
1974	2,743.3	705.5	2,074.0	2,780.4	8,303.3	33.0
1973	2,568.3	627.4	1,903.5	2,323.2	7,422.4	34.6
1972	2,209.7	547.4	1,565.3	1,918.0	6,240.4	35.4

Source: Statistics Canada, *Retail Trade*, (63-005).

Table 23.5 Service Station and Garage Sales, Ontario and Other Regions of Canada, 1972 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1984	4,267.7	1,051.9	3,411.5	2,579.5	11,313.4	37.7
1983	3,863.9	901.7	3,092.3	2,390.6	10,295.4	37.5
1982	3,849.3	807.9	3,014.5	2,388.7	10,104.7	38.1
1981	3,500.0	724.6	2,456.8	2,166.3	8,874.2	39.4
1980	2,754.2	570.7	1,946.4	1,692.4	6,987.4	39.4
1979	2,357.3	492.8	1,781.1	1,547.4	6,216.6	37.9
1978	2,156.3	471.8	1,442.7	1,445.8	5,535.8	39.0
1977	1,973.8	448.8	1,271.2	1,361.8	5,072.4	38.9
1976	1,769.6	419.7	1,193.5	1,205.7	4,595.9	38.5
1975	1,468.8	332.4	1,059.1	990.8	3,856.9	38.1
1974	1,422.1	283.1	976.9	909.1	3,595.1	39.6
1973	1,176.0	246.8	787.6	764.5	2,978.4	39.5
1972	1,063.1	228.6	701.5	674.9	2,686.9	39.6

Source: Statistics Canada, *Retail Trade*, (63-005).

Note: Atlantic excludes garage sales for: Prince Edward Island from 1972 to 1976, Nova Scotia from 1977 to 1981, New Brunswick for 1979, and service station and garage sales for Prince Edward Island from 1982 to 1984, due to confidentiality. West excludes the Yukon and Northwest Territories due to confidentiality.

Table 23.6 Department Store Sales, Ontario and Other Regions of Canada, 1972 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1984	4,150.2	821.3	2,128.7	4,284.7	11,384.9	36.5
1983	3,969.3	758.8	1,951.0	4,251.3	10,930.4	36.3
1982^{r}	3,632.8	676.5	1,796.5	4,102.4	10,208.1	35.6
1981	3,597.4	640.1	1,809.0	4,171.6	10,218.1	35.2
1980	3,308.4	591.7	1,738.3	3,728.4	9,366.8	35.3
1979	3,085.2	550.0	1,615.8	3,283.5	8,534.4	36.2
1978	2,845.5	497.5	1,467.4	2,893.8	7,704.2	36.9
1977	2,583.2	448.5	1,324.7	2,587.5	6,943.8	37.2
1976	2,397.8	417.2	1,279.4	2,415.2	6,509.6	36.8
1975	2,165.3	373.1	1,097.5	2,140.9	5,776.8	37.5
1974	1,924.0	317.6	942.8	1,886.9	5,071.3	37.9
1973	1,649.9	264.0	797.8	1,604.5	4,316.2	38.2
1972	1,453.8	219.3	681.2	1,359.6	3,713.9	39.1

Source: Statistics Canada, *Retail Trade*, (63-005).

Table 23.7 New Motor Vehicle Sales, Ontario Compared to Canada, 1972 to 1984

Year	Passenger Cars	Commercial Vehicles	Total	
			Ontario	% of Canada
		number		
1984	388,615	109,059	497,674	38.8
1983	334,128	75,292	409,420	37.9
1982	275,920	60,270	336,190	36.5
1981	338,076	81,419	419,495	35.2
1980	335,815	85,016	420,831	33.3
1979	380,430	113,487	493,917	35.4
1978	391,408	115,920	507,328	37.1
1977	388,568	108,583	497,151	37.0
1976	351,523	105,087	456,610	35.4
1975	409,189	101,444	510,633	38.8
1974	359,427	93,679	453,106	36.3
1973	387,309	81,881	469,190	38.3
1972	346,819	68,234	415,053	39.0

Source: Statistics Canada, *New Motor Vehicle Sales*, (63-007).

Table 23.8 New Motor Vehicle Sales by Type, Ontario and Other Regions of Canada, 1984

	Ontario	Atlantic	Quebec	West	Total	Ontario % of Canada
			number			
Passenger Cars	388,615	81,489	299,098	202,008	971,210	40.0
Commercial Vehicles	109,059	31,074	61,151	111,008	312,292	34.9
Total	497,674	112,563	360,249	313,016	1,283,502	38.8

Source: Statistics Canada, *New Motor Vehicle Sales*, (63-007).

Table 23.9 New Passenger Car Sales by Origin, Ontario and Other Regions of Canada, 1984

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
North America	305,339	66,641	210,788	142,164	724,932	42.1
Japan	57,012	10,572	57,126	46,494	171,204	33.3
Other Countries	26,264	4,276	31,184	13,350	75,074	35.0
Total	388,615	81,489	299,098	202,008	971,210	40.0

Source: Statistics Canada, *New Motor Vehicle Sales*, (63-007).

Table 23.10 **Retail Chains, Stores and Sales, Ontario Compared to Canada, 1971 to 1983**

Year	Chains	Stores	Sales	
			Ontario	% of Canada
	number		$ millions	
1983	580	12,037	[illegible]	42.8
1982	530	11,662	[illegible]	42.8
1981	495	11,099	[illegible]	43.1
1980	466	10,300	[illegible]	43.7
1979	447	9,947	[illegible]	42.0
1978	441	9,720	[illegible]	[illegible]
1977	438	9,511	[illegible]	[illegible]
1976	439	9,444	[illegible]	[illegible]
1975	440	9,239	[illegible]	43.1
1974	447	8,771	[illegible]	43.4
1973	432	8,358	[illegible]	[illegible]
1972	435	7,606	[illegible]	[illegible]
1971	408	7,264	[illegible]	[illegible]

Source: Statistics Canada, *Retail Chain and Department Stores*, (63-210).

Notes: 1. Retail chains include grocery and combination stores, variety stores, service stations, women's clothing stores, shoe stores, drug stores and all other retail chains, such as general merchandise, alcoholic beverages, family clothing and furnishing, etc.

2. A chain organization is one operating four or more retail outlets in the same kind of business under the same legal ownership at any time during the year. Department store organizations are statistically treated with chains even though they may fail to meet all the criteria. Franchised stores are considered chains if they meet the above conditions, otherwise they are classified as independent organizations.

Table 23.11 **Retail Chains, Stores and Sales by Type, Ontario Compared to Canada, 1983**

	Chains	Stores	Sales	
			Ontario	% of Canada
	number		$ millions	
Supermarket & Grocery Stores	51	2,265	6,996.0	46.4
General Merchandise Stores	21	698	1,055.9	37.8
Pharmacies	27	391	415.9	35.8
Women's Clothing Stores	74	1,194	542.6	39.8
Shoe Stores	42	847	275.8	30.8
Department Stores	15	302	4,302.9	40.4
Other Retail Stores	365	6,642	5,875.2	37.5
Total	595	12,339	19,163.3	41.3

Source: Statistics Canada, *Retail Chain and Department Stores*, (63-210).

Table 23.12 **Vending Machine Sales by Type, Ontario and Other Regions of Canada, 1984**

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
Cigarettes	37.0	6.5	42.4	33.6	119.5	31.0
Coffee	42.4	. .	20.8	. .	81.3	52.1
Soft Drinks	43.4	. .	21.7	. .	90.8	47.8
Confection & Food	40.7	. .	25.3	. .	87.5	46.5
Total	163.5	24.1	110.2	81.2	379.0	43.1

Source: Statistics Canada, *Vending Machine Operators*, (63-213).

Table 23.13 Alcoholic Beverage Sales, Ontario Compared to Canada, 1972/73 to 1983/84

Year	Spirits	Wines	Beer	Total	
				Ontario	% of Canada
			$ millions		
1983/84	1,051.3	416.5	1,162.5	[illegible]	[illegible]
1982/83	1,029.4	396.0	1,057.2	[illegible]	[illegible]
1981/82	936.8	351.2	894.5	[illegible]	[illegible]
1980/81	837.9	315.2	751.5	[illegible]	[illegible]
1979/80	788.5	266.0	606.6	[illegible]	[illegible]
1978/79	729.1	232.6	587.4	[illegible]	[illegible]
1977/78	705.0	191.7	534.4	[illegible]	[illegible]
1976/77	666.7	162.7	495.7	[illegible]	[illegible]
1975/76	547.2	121.4	422.2	[illegible]	[illegible]
1974/75	478.6	105.7	382.6	[illegible]	[illegible]
1973/74	431.5	97.7	355.0	[illegible]	[illegible]
1972/73	392.7	80.3	317.2	[illegible]	[illegible]

Source: Statistics Canada, *The Control and Sale of Alcoholic Beverages in Canada*, (63-202).

Note: Data refer to fiscal years ending March 31.

Table 23.14 Gasoline Sales, Ontario Compared to Canada, 1972 to 1984

Year	Ontario	% of Canada
	millions of litres	
1984		
1983		
1982	[illegible]	36.4
1981	[illegible]	[illegible]
1980	[illegible]	[illegible]
1979	[illegible]	34.7
1978	[illegible]	[illegible]
1977	[illegible]	35.4
1976	[illegible]	35.6
1975	[illegible]	[illegible]
1974	[illegible]	36.4
1973	[illegible]	[illegible]
1972	[illegible]	[illegible]

Source: Statistics Canada, *Road Motor Vehicles*, (53-218).

Note: Gasoline sales are gross sales for motive purposes, excluding aviation.

Table 23.15 Cigarette Sales, Ontario Compared to Canada, 1974/75 to 1978/79

Year	Ontario	% of Canada
	millions	
1978/79	[illegible]	[illegible]
1977/78	[illegible]	34.4
1976/77	[illegible]	35.2
1975/76	[illegible]	35.3
1974/75	[illegible]	35.1

Source: Addiction Research Foundation, *Statistics on Alcohol and Drug Use in Canada and Other Countries*.

Notes: 1. Data refer to fiscal years ending March 31.

2. The number of cigarettes sold in each province has been estimated on the basis of provincial tobacco tax revenue and the fact that cigarettes constitute substantially the whole of all shipments of manufactured tobacco products.

Table 23.16 Wholesale Trade, Ontario and Other Regions of Canada, Selected Years, 1973 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1983	60,555.7	6,933.4	33,698.5	57,465.4	158,653.0	38.2
1982	54,415.0	6,354.4	28,312.1	53,902.5	142,984.0	38.1
1981	57,954.6	6,392.2	29,002.4	54,570.9	147,920.1	39.2
1979	42,748.0	5,158.1	25,241.3	36,486.2	109,633.7	39.0
1977	28,117.9	3,179.8	16,275.6	23,008.0	70,582.4	39.8
1975	24,147.8	2,389.9	14,365.8	18,829.5	59,733.1	40.4
1973	13,796.5	1,596.2	10,826.9	13,499.0	39,718.6	34.7

Sources: Statistics Canada, *Wholesale Trade Statistics, (63-226).*
Merchandising Business Survey, (63-601).

Notes: 1. Wholesale trade refers to wholesale merchants but excludes agents and brokers.
2. Volume of trade is the total of net sales and receipts plus the value of goods bought or sold on commission.

Table 23.17 Wholesale Trade Establishments, Ontario and Other Regions of Canada, Selected Years, 1973 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
1983	17,416	2,955	12,493	14,618	47,482	36.7
1982	16,388	2,820	11,486	13,819	44,513	36.8
1981	17,994	3,244	12,846	16,297	50,381	35.7
1979	10,092	1,777	7,958	7,699	27,526	36.7
1977	. .	. .	. .	. .	21,597	. .
1975	7,229	1,461	5,670	5,525	19,885	36.4
1973	6,919	1,427	5,673	5,481	19,500	35.5

Sources: Statistics Canada, *Wholesale Trade Statistics, (63-226).*
Merchandising Businesses Survey, (63-601).

Note: See Table 23.16, note 1.

Table 23.18 Wholesale Trade by Industry, Ontario Compared to Canada, 1983

	Establishments		Trade Volume	
	Ontario	% of Canada	Ontario	% of Canada
	#		$ millions	
Farm Products	349	36.0	2,279.4	12.3
Coal, Coke & Petroleum Products	551	26.0	9,923.2	38.1
Paper & Paper Products	252	43.8	919.1	29.8
General Merchandise	270	44.3	. .	. .
Food	1,370	32.5	7,670.1	29.7
Tobacco Products, Drugs & Toilet Preparations	236	36.8	1,610.9	36.9
Apparel & Dry Goods	480	31.9	753.5	27.9
Household Furniture & Furnishings	307	39.7	822.0	48.7
Motor Vehicles & Accessories	1,037	37.5	7,016.2	65.4
Electric Machinery & Supplies	1,296	44.8	6,426.5	67.1
Farm Machinery, Supplies & Equipment	769	31.7	1,954.1	41.1
Machinery & Equipment N.E.S.	3,247	40.2	6,030.6	44.6
Hardware, Plumbing & Heating Equipment	778	40.6	1,894.9	46.6
Metals & Metal Products	204	36.5	. .	. .
Lumber & Building Materials	1,411	30.6	3,061.1	27.6
Scrap & Waste Materials	723	41.2	. .	. .
Wholesalers N.E.S.	4,136	37.4	5,933.0	39.8
Total	17,416	36.7	60,555.7	38.2

Source: Statistics Canada, *Wholesale Trade Statistics, (63-226).*

Note: See Table 23.16, notes 1. and 2.

Chapter 24
Finance, Insurance, Real Estate and Business Services

Finance, Insurance, Real Estate and Business Services

Ontario offers a wide range of financial and other business service facilities, due in part to the large number of head offices of industrial and financial concerns located in the Toronto area. These industries account for roughly one-fifth of the Province's gross domestic product, and form an important part of the rapidly growing service sector, which is now responsible for almost 70% of employment in Ontario.

Finance, insurance, real estate and business services are primarily private sector industries. Governments monitor and regulate certain activities in this area to promote stable business conditions and to protect customer interests. The federal government has wide-ranging responsibilities in relation to finance. The Bank of Canada operates under federal legislation to regulate credit and currency in the national interest. All banks operating in Canada are chartered by Parliament under the terms of the federal Bank Act which regulates certain internal aspects of bank operations and the relationship of banks vis-à-vis the general public and the Bank of Canada. Other financial institutions, such as trust companies and mortgage companies, are registered with either the federal government or the provinces, while credit unions come under Provincial legislation. The federal government also administers the Canada Deposit Insurance Corporation and provides some financial services to business enterprises through the Federal Business Development Bank.

The Ontario government is involved in:

- ensuring public disclosure of real estate and other business transactions;
- registration and licensing for industries such as insurance companies, mortgage brokers and real estate brokers;
- promotion and enforcement of financial business standards;
- registration of ownership and encumbrances relating to real property and encumbrances affecting personal property;
- administration of The Motor Vehicle Accident Claims Fund which handles claims and payments for damage caused by stolen, unidentified or uninsured vehicles;
- operation of The Province of Ontario Savings Office.

The finance and insurance industries include banks, trust companies, mortgage loan companies, credit unions, consumer and business financing intermediaries, investment companies, insurance companies of all kinds, securities and mortgage dealers and security and commodity exchanges. The real estate and insurance industries include the management and leasing of real property (except for operators of hotels and other temporary lodging places and developers who are classified with construction), as well as real estate and insurance agencies. The business service industries provide services used more by the business community than by the general public. Included are employment agencies, computer services, accounting, advertising, architectural, engineering and other scientific services, legal and notarial services, and management consulting. Some data on income of self-employed professionals are covered in Chapter 9, Personal Income, Expenditure and Saving.

Sources of Data

Data on the service industries are generally less readily available than for the goods-producing industries.

For financial institutions and insurance companies, the main sources are:

- the Bank of Canada, which gathers data on the chartered banks, as well as on other facets of financial markets in Canada;
- Statistics Canada's quarterly survey of financial institutions covering trust companies, central credit unions, financial leasing corporations, real estate investment trusts, mortgage investment funds, trust companies' retirement savings funds and investment dealers;
- statistical data from administrative records of the Ontario Ministry of Financial Institutions, Credit Unions and Co-operatives Services Branch and the Office of the Superintendent of Insurance.

Data on real estate brokers are available from the Canadian Real Estate Association which gathers information from its members. Statistics Canada undertakes some surveys of establishments in the business services industries.

The *Bank of Canada Review*, published monthly, carries information on chartered banks, and other financial institutions, capital markets and interest rates as well as some general economic and trade statistics. Statistics Canada publishes a quarterly report entitled *Financial Institutions*, *(61-006)*, which provides balance sheets, income statements, information on retained earnings and changes in financial position and other related data for about twenty types of financial intermediary. Further information can be obtained from the Industrial Organization and Finance Division of Statistics Canada, telephone Ottawa, 990-9851. Much of the data in both publications is available on CANSIM.

Although a great deal of data is available for Canada as a whole, much less is available at the provincial level. The Bank of Canada publishes assets and liabilities of chartered banks allocated by province. However, a significant portion of both assets and liabilities can only be attributed to head office and international operations, with no provincial dimension possible. Similarly, the Statistics Canada series on other financial institutions can only allocate to provinces certain selected assets and liabilities. Only local credit unions provide complete information at a provincial level, since each credit union operates only in a single province. Limited provincial distributions are available for trust companies, mortgage loan companies, financial corporations and mortgage investment companies.

In the process of providing regulatory supervision to the insurance industry in Ontario, the Office of the Superintendent of Insurance, Ministry of Financial Institutions, compiles a large volume of data on premiums, income, losses and other financial items. These are published in the *Annual Report of the Superintendent of Insurance*.

There is a substantial amount of information available on the real estate industry as it relates to market conditions in specific locations. However, there is not much that can be used to measure the size and scope of the industry for the Province as a whole. The Canadian Real Estate Association's *Quarterly MLS Statistical Survey and Annual Report* provide data on volume and value of sales, total listings, sales ratios and average prices for both residential and total transactions by province. These numbers refer to multiple listing service sales only and not to total real estate activity. Individual real estate companies maintain research facilities and publish various reports.

Although statistics on other miscellaneous business services are less readily available, Statistics Canada conducts surveys on some industries on an occasional basis. Data have been compiled on the following industries:

- engineering and scientific services;
- architects' offices;
- motor vehicle, equipment and machinery rentals;
- computer services.

For further information, contact the Services Division of Statistics Canada, telephone Ottawa, 990-9662.

Other sources of data on business services are various trade associations and research companies.

Finance, Insurance, Real Estate and Business Services

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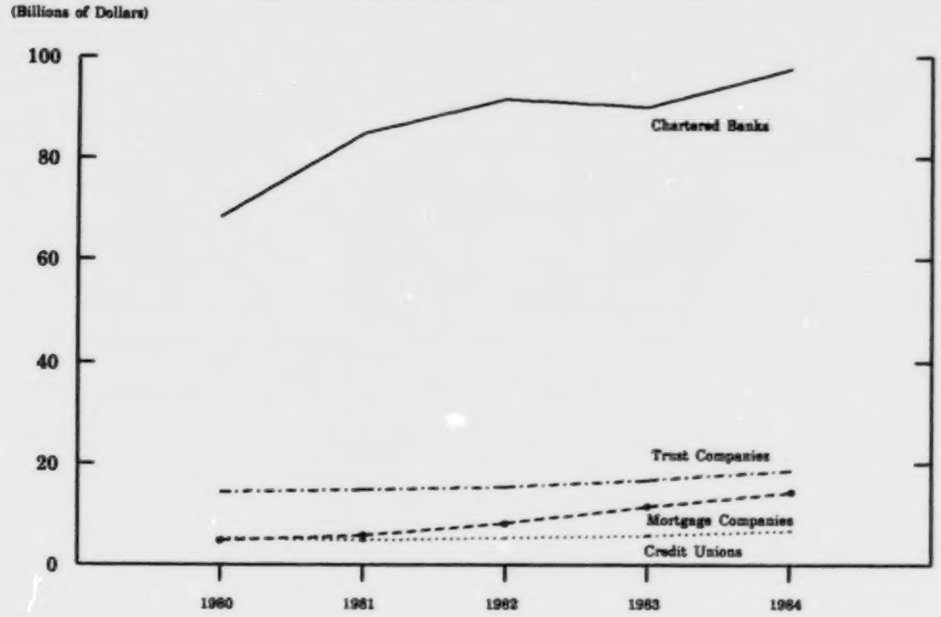
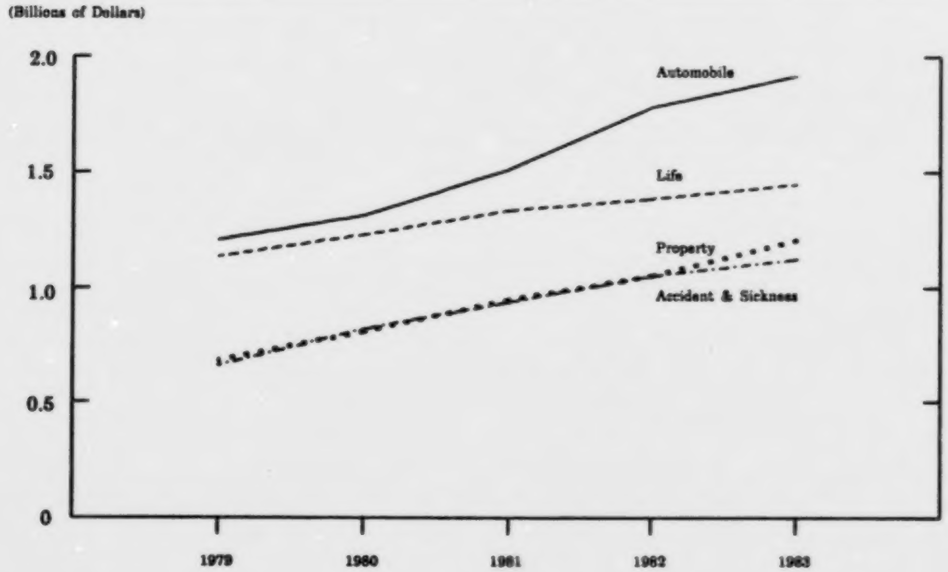
Chart 24.1 Assets Allocated to Ontario, 1980 to 1984



Refer to Tables 24.3, 24.4, 24.5 and 24.6

Chart 24.2 Insurance Premiums, Ontario, 1979 to 1983



Refer to Tables 24.10 and 24.13

Table 24.1 Chartered Banks, Allocation of Assets, Ontario and Other Regions of Canada, December 31, 1984

	Ontario	Atlantic	Quebec	West	Total	Ontario % of Total	Head Office & International	Total
	$ millions						$ millions	
Bank of Canada Deposits & Notes	2,493	363	1,096	1,615	5,565	44.8	193	5,758
Deposits with Other Banks	1,273	–	197	109	1,580	80.6	2,517	4,097
Securities:								
Government of Canada	6,645	842	2,321	4,371	14,181	46.9	542	14,723
Provincial	190	57	365	799	1,412	13.5	9	1,421
Municipal	16	6	33	10	65	24.6	–	65
Other	4,967	316	875	3,332	9,491	52.3	480	9,971
Corporations Associated with Banks	33	7	39	10	88	37.5	104	192
Day-to-day, Call & Short Loans	1,318	–	85	27	1,431	92.1	249	1,680
Loans to Provinces	4	11	191	24	229	1.7	–	229
Loans to Municipalities	147	128	609	130	1,014	14.5	–	1,014
Personal Loans:								
Personal Loan Plan	6,591	2,509	3,536	6,586	19,223	34.3	–	19,223
Credit Cards	1,943	334	801	1,583	4,661	41.7	–	4,661
Other	4,979	914	1,761	4,493	12,146	41.0	–	12,146
Total	13,512	3,756	6,098	12,664	36,030	37.5	–	36,030
Residential Mortgages	12,722	1,972	5,334	14,931	34,958	36.4	22	34,980
Non-residential Mortgages	1,069	68	303	1,659	3,097	34.5	2	3,099
Loans to Businesses Under Authorized Limits of: ($ million)								
Less Than 0.2	3,568	765	2,225	3,953	10,511	33.9	–	10,511
0.2 – 0.5	1,226	230	771	1,581	3,808	32.2	–	3,808
0.5 – 1.0	1,330	217	811	1,630	3,988	33.4	–	3,988
1.0 – 5.0	4,302	549	2,309	4,695	11,855	36.3	–	11,855
5.0 – 25.0	5,613	495	2,412	5,277	13,796	40.7	–	13,796
25.0 – 50.0	2,018	146	978	1,834	4,975	40.6	–	4,975
50.0 or More	4,528	712	1,124	10,081	16,446	27.5	–	16,446
Total	22,585	3,111	10,631	29,050	65,379	34.5	–	65,379
Agricultural Loans	2,176	153	954	6,247	9,530	22.8	–	9,530
Other Loans	3,382	289	1,526	2,756	7,953	42.5	4,548	12,501
Leasing Receivables	883	143	631	743	2,400	36.8	6	2,406
Foreign Currency Loans & Securities	11,690	572	4,664	10,175	27,100	43.1	101,631	128,731
Items in Transit (net)	514	80	107	512	1,213	42.4	236	1,449
All Other Assets	12,148	693	3,141	6,745	22,729	53.4	49,575	72,304
Total Assets	97,768	12,569	39,201	95,909	245,448	39.8	160,114	405,562

Source: Bank of Canada, *Bank of Canada Review*.

Note: It is likely that a large portion of Head Office & International assets could be attributed to Ontario.

Table 24.2 Chartered Banks, Allocation of Liabilities, Ontario and Other Regions of Canada, December 31, 1984

	Ontario	Atlantic	Quebec	West	Total	Ontario % of Total	Head Office & International	Total
			$ millions				$ millions	
Canadian Dollar Deposits								
Personal Savings Deposits								
Chequable:								
Daily Interest	4,662	506	1,292	3,667	10,127	46.0	–	10,127
Other	2,282	278	1,187	1,260	5,007	45.6	–	5,007
Total	6,944	784	2,479	4,926	15,135	45.9	3	15,138
Non-chequable:								
Daily Interest	4,373	474	1,811	3,133	9,791	44.7	–	9,791
Other	16,199	3,393	4,402	12,983	36,977	43.8	25	37,002
Total	20,571	3,868	6,213	16,115	46,768	44.0	25	46,793
Fixed Term	19,370	2,136	9,149	15,809	46,464	41.7	1,073	47,537
Total	46,885	6,787	17,842	36,851	108,367	43.3	1,101	109,468
Non-personal Term & Notice Deposits:								
Notice	4,476	481	1,756	2,266	8,978	49.9	69	9,047
Bearer Term	3,964	1	776	426	5,167	76.7	–	5,167
Other Fixed Term	14,734	917	4,878	7,122	27,651	53.3	4,717	32,368
Total	23,174	1,400	7,410	9,813	41,798	55.4	4,785	46,583
Gross Demand Deposits:								
Personal Chequing	1,304	251	405	1,514	3,474	37.5	8	3,482
Other	6,691	906	2,524	4,519	14,640	45.7	679	15,319
Total	7,995	1,158	2,929	6,034	18,115	44.1	687	18,802
Government of Canada	1,174	177	465	891	2,707	43.4	90	2,797
Total	79,228	9,522	28,646	53,589	170,985	46.3	6,664	177,649
Foreign Currency Deposit Liabilities:								
Demand	1,273	23	368	410	2,076	61.3	6,257	8,333
Notice	681	14	175	175	1,046	65.1	6,364	7,410
Fixed Term	12,978	658	4,199	2,690	20,524	63.2	140,468	160,992
Total	14,933	694	4,742	3,275	23,644	63.2	153,090	176,734
Acceptances	7,081	432	1,928	4,788	14,230	49.8	2,434	16,664
Debentures Issued & Outstanding	1,135	162	563	812	2,672	42.5	2,063	4,735
Appropriations for Contingencies & Shareholders' Equity	5,755	605	1,913	3,439	11,712	49.1	6,241	17,953
All Other Liabilities	3,427	205	1,238	1,571	6,442	53.2	5,382	11,824
Total Liabilities	111,559	11,621	39,029	67,477	229,686	48.6	175,874	405,560

Source: Bank of Canada, *Bank of Canada Review.*

Note: See note, Table 24.1.

Table 24.3 Chartered Banks, Assets and Liabilities, Ontario, 1975 to 1984

	Assets						Liabilities	
Year	Residential Mortgages	Personal Loans	Business Loans	Other	Total	Ontario % of Allocated Assets	Total	Ontario % of Allocated Liabilities
			$ millions				$ millions	
1984	12,722	13,512	22,585	48,949	97,768	39.8	111,559	48.6
1983	11,212	11,836	20,610	46,378	90,036	38.4	104,013	47.1
1982	10,030	11,688	23,753	46,209	91,680	39.2	104,586	47.2
1981	9,712	11,982	23,323	39,835	84,852	37.9	91,481	45.0
1980	6,913	10,859	19,988	30,666	68,426	39.4	74,066	45.2
1979	6,756	9,692	17,408	27,164	61,020	40.1	65,780	45.4
1978	5,887	8,592	13,314	23,629	51,422	40.0	56,204	44.7
1977	4,410	7,553	12,302	18,459	42,724	40.4	46,608	44.6
1976	3,377	6,607	11,065	14,476	35,525	39.6	38,939	43.1
1975	2,826	5,120	9,055	12,411	29,412	37.9	31,940	41.3

Source: Bank of Canada, *Bank of Canada Review.*

Notes: 1. Data are as of December 31.
2. Other Assets includes Bank of Canada deposits and notes, deposits with banks, securities and other loans not specified above.
3. The regional allocation of total assets is not necessarily the same as the regional allocation of total liabilities.
4. In deriving Ontario assets and liabilities as a percentage of assets and liabilities allocated among all provinces, the Canada totals are reduced by the amount of assets and liabilities ascribed to Head Office and International operations.
5. See note, Table 24.1.

Table 24.4 Trust Companies, Selected Assets and Liabilities, Ontario and Other Regions of Canada, 1978 to 1984

	Selected Assets				Demand & Term Deposits
Year	Investments	Mortgage Loans	Personal Loans	Total	
			$ millions		
1984					
Ontario	998.3	15,889.5	1,481.0	18,368.8	29,719.0
Atlantic	32.4	1,858.9	168.8	2,060.2	2,669.4
Quebec	926.3	4,140.8	177.8	5,245.0	7,170.7
West	451.6	11,687.8	792.9	12,932.3	11,953.1
Canada	2,408.7	33,576.9	2,620.6	38,606.2	51,512.2
Ontario % of Canada	41.4	47.3	56.5	47.6	57.7
Ontario					
1983	950.0	14,445.0	1,162.4	16,557.4	26,993.4
1982	420.8	13,352.0	1,212.0	14,984.9	24,642.6
1981	340.2	13,343.6	1,108.8	14,792.5	22,373.0
1980	362.4	13,185.2	874.3	14,421.9	20,047.0
1979	134.4	12,378.6	586.8	13,099.8	17,714.2
1978	170.4	10,742.2	368.9	11,281.5	15,022.0

Source: Statistics Canada, *Financial Institutions,* (61-006).

Notes: 1. See Table 24.3, note 1.
2. At December 31, 1984, allocable assets shown in this table amounted to 66 percent of total assets for Canada, while allocable liabilities accounted for 88 percent of total liabilities and shareholders' equity for Canada.
3. The two activities of trust companies are financial intermediary (banking) and fiduciary (trust) functions. The fiduciary function is unique to trust companies and involves serving as administrators of estates, trusts and agencies.

Table 24.5 Mortgage Loan Companies, Selected Assets and Liabilities, Ontario and Other Regions of Canada, 1978 to 1984

Year	Selected Assets				Demand & Term Deposits
	Investments	Mortgage Loans	Personal Loans	Total	
			$ millions		
1984					
Ontario	111.6	13.641.0	454.0	14,206.6	14,638.1
Atlantic	3.1	2,116.0	16.1	2,135.2	1,593.6
Quebec	88.2	5,279.2	143.4	5,510.8	5,454.5
West	161.2	14,894.1	623.0	15,678.4	7,499.3
Canada	364.1	35,930.4	1,236.5	37,531.0	29,185.5
Ontario % of Canada	30.7	38.0	36.7	37.9	50.2
Ontario					
1983	60.4	11,450.6	34.6	11,545.6	11,880.8
1982	54.5	7,954.5	22.5	8,031.4	7,853.4
1981	34.1	5,734.5	32.0	5,800.5	5,619.6
1980	21.7	4,452.7	33.8	4,508.2	4,304.9
1979	16.6	3,666.6	29.9	3,713.2	3,024.2
1978	21.9	3,314.7	19.7	3,356.3	2,823.3

Source: Statistics Canada, *Financial Institutions*, (61-006).

Notes: 1. See Table 24.3, note 1.

2. Mortgage loan companies include companies operating under the Loan Companies Act and corresponding Provincial Legislation and other companies which raise funds from the public for the purpose of investing in mortgages secured by real estate.
3. At December 31, 1984, allocable assets shown in this table amounted to 82.9 percent of total assets for Canada, and allocable liabilities amounted to 64.5 percent of total liabilities and shareholders' equity for Canada.
4. Data includes Mortgage Investment Companies as of first quarter, 1984.

Table 24.6 Local Credit Unions: Assets, Liabilities and Members' Equities, Ontario and Other Regions of Canada, 1975 to 1984

Year	Assets					
	Cash & Demand Deposits	Investments	Non-mortgage Loans	Mortgage Loans	Fixed & Other	Total
			$ millions			
1984						
Ontario	948.6	590.9	1,957.6	2,710.2	234.5	6.441.8
Atlantic	42.4	88.4	481.7	178.7	27.7	818.9
Quebec	2,654.3	1,659.1	5,414.2	9,260.7	509.7	19,498.0
West	287.1	2,436.4	2,609.0	7,673.1	860.7	13,866.3
Canada	3,932.4	4,774.8	10,462.4	19,822.7	1,632.6	40,624.9
Ontario % of Canada	24.1	12.4	18.7	13.7	14.4	15.9
Ontario						
1983	976.8	561.4	1,729.9	2,365.6	233.4	5,866.9
1982	814.0	628.2	1,578.4	1,964.2	222.6	5,207.5
1981	464.7	551.4	1,660.2	1,993.4	216.7	4,886.4
1980	493.5	601.5	1,788.3	1,981.3	205.9	5,070.5
1979	330.6	510.5	1,785.3	1,904.6	179.9	4,710.8
1978	249.3	632.3	1,720.1	1,535.5	148.4	4,285.5
1977	233.2	516.0	1,436.5	1,119.6	117.7	3,422.8
1976	136.3	348.6	1,280.2	837.0	90.3	2,692.4
1975	106.9	288.6	1,097.6	653.7	74.1	2,221.0

Table 24.6 (cont'd.)

Year	Liabilities Deposits	Liabilities Other	Liabilities Total	Members' Equities	Total Liabilities & Members' Equities
			$ millions		
1984					
Ontario	5,291.9	235.3	5,527.2	914.6	6,441.8
Atlantic	494.5	28.4	523.0	295.9	818.9
Quebec	16,889.7	1,632.7	18,522.4	975.6	19,498.0
West	12,380.6	825.6	13,206.2	660.1	13,866.3
Canada	35,056.7	2,722.0	37,778.7	2,846.2	40,624.9
Ontario % of Canada	15.1	8.6	14.6	32.1	15.9
Ontario					
1983	4,822.0	172.3	4,994.3	872.6	5,866.9
1982	4,206.9	197.2	4,404.1	803.4	5,207.5
1981	3,780.7	242.0	4,022.7	863.7	4,886.4
1980	3,803.4	176.6	3,980.1	1,090.4	5,070.5
1979	3,185.4	211.0	3,396.3	1,314.5	4,710.8
1978	2,736.7	151.1	2,887.7	1,397.8	4,285.5
1977	2,091.4	91.4	2,182.8	1,240.0	3,422.8
1976	1,499.7	112.3	1,612.1	1,080.3	2,692.4
1975	1,176.7	92.9	1,269.6	951.4	2,221.0

Source: Statistics Canada, *Financial Institutions*, (61-006).

Notes: 1. See Table 24.3, note 1.

2. Local credit unions are chartered or registered under Provincial Legislation as autonomous organizations owned and controlled by their members who share some common bond of association. Most local credit unions are affiliated with a central organization–commonly called a Central Credit Union–which acts as a banker to member local credit unions.

Table 24.7 Local Credit Unions, Revenue and Expenses, Ontario, 1975 to 1984

Year	Revenue	Expenses	Net Income Before Taxes	Income Taxes	Net Income
			$ millions		
1984					
Ontario	228.0	207.8	20.2	–	20.2
Atlantic	22.8	20.0	2.8	–	2.8
Quebec	595.9	556.0	39.9	–	39.9
West	396.5	468.4	−71.9	0.7	−72.6
Canada	1,243.2	1,252.1	−8.9	0.7	−9.6
Ontario % of Canada	18.3	16.6	–	–	–
Ontario					
1983	178.6	166.0	12.6	–	12.6
1982	216.1	189.6	26.5	–	26.5
1981	148.0	151.6	−3.7	−0.4	−3.2
1980	132.5	119.7	12.8	–	12.8
1979	128.7	118.8	9.9	−0.7	10.6
1978	115.4	89.5	25.9	0.2	25.7
1977	91.5	68.3	23.2	0.4	22.9
1976	27.6	19.0	8.6	−0.1	8.6
1975	26.2	17.7	8.5	0.1	8.3

Source: Statistics Canada, *Financial Institutions*, (61-006).

Notes: 1. Data refer to fourth quarter of each year.

2. See Table 24.6, note 2.

Table 24.8 Financial Corporations, Selected Assets, Ontario and Other Regions of Canada, 1981 to 1984

Year	Retail Sales Financing Consumer Goods	Personal Loans
	$ millions	
1984		
Ontario	1,545.4	312.5
Atlantic	259.6	191.2
Quebec	655.0	184.0
West	1,226.3	223.1
Canada	3,686.3	910.9
Ontario % of Canada	41.9	34.3
Ontario		
1983	1,303.1	301.6
1982r	1,268.0	326.1
1981r	1,415.1	442.4

Source: Statistics Canada, *Financial Institutions*, (61-006).

Notes: 1. See Table 24.3, note 1.
2. At December 31, 1984, the allocable assets shown in this table amounted to 14.7 per cent of total assets for Canadian Financial Corporations.
3. Financial Corporations are companies involved primarily in providing credit to individuals and to commercial organizations for goods and services purchased at the retail, wholesale and factory levels, for financing inventories, industrial loans and loans for general capital purposes secured by personal notes and guarantees, chattel mortgages, debentures or collateral mortgages.

Table 24.9 Mortgage Investment Companies, Selected Assets and Liabilities, Ontario and Other Regions of Canada, September 30, 1983

	Mortgage Loans			
	Residential	Non-residential	Total	Term Deposits
			$ millions	
Ontario	91.4	28.9	120.3	110.6
Atlantic	5.6	8.1	13.7	25.1
Quebec	11.1	7.0	18.1	52.6
West	185.9	53.6	239.3	29.9
Canada	294.0	97.5	391.5	218.1
Ontario % of Canada	31.1	29.6	30.7	50.7

Source: Statistics Canada, *Financial Institutions*, (61-006).

Notes: 1. Mortgage investment companies engage primarily in investments in mortgages.
2. At September 30, 1983, the allocable assets identified in this table amounted to 85 percent of total assets for Canada, while liabilities identified here accounted for 47 percent of total liabilities and shareholders' equity for Canada.

Table 24.10 Life Insurance, Direct Premiums on Business, Ontario, 1976 to 1983

Year	Assurance			Annuities			Total	% of Canada
	Individual	Group	Total	Individual	Group	Total		
				$ millions				
1983	977.0	476.7	1,453.7	854.5	1,218.7	2,073.2	3,526.9	44.0
1982	929.6	455.2	1,384.9	947.3	1,143.4	2,090.8	3,475.6	42.9
1981	898.3	430.6	1,328.9	1,102.7	980.9	2,083.6	3,412.4	41.1
1980	846.4	374.2	1,220.6	642.2	844.7	1,486.9	2,707.5	48.0
1979	798.1	329.4	1,127.5	475.5	666.3	1,141.8	2,269.3	41.7
1978	743.5	311.3	1,054.8	386.2	669.0	1,055.2	2,110.1	42.7
1977	683.3	288.2	971.5	321.9	577.9	899.8	1,871.3	43.4
1976	663.2	263.5	926.6	284.1	504.4	788.5	1,715.1	43.1

Source: Ministry of Financial Institutions, Office of the Superintendent of Insurance, *Annual Report.*

Note: The table shows premium income of all insurers licenced in the Province with the exception of mutual benefit societies and pension fund associations.

Table 24.11 Life Insurance, Disbursements to Policy Holders, Ontario, 1976 to 1983

Year	Assurance			Annuities			Total	% of Canada
	Individual	Group	Total	Individual	Group	Total		
				$ millions				
1983	764.1	420.6	1,184.7	544.6	954.6	1,499.2	2,683.9	43.3
1982	819.9	405.8	1,225.7	554.4	661.2	1,215.6	2,441.2	39.5
1981	758.6	369.5	1,128.1	508.4	905.0	1,413.4	2,541.5	42.4
1980	632.4	307.6	940.1	334.4	455.4	789.8	1,729.9	43.4
1979	549.3	282.6	832.0	236.3	334.3	570.6	1,402.6	46.3
1978	490.4	250.7	741.1	176.4	352.3	528.8	1,269.9	44.8
1977	434.3	232.2	666.4	145.3	241.6	386.9	1,053.3	40.9
1976	412.9	226.9	639.8	122.8	203.6	326.3	966.2	43.7

Source: Ministry of Financial Institutions, Office of the Superintendent of Insurance, *Annual Report.*

Table 24.12 Insurance Other than Life, Premiums and Losses by Class of Insurance, Ontario, 1983

	Premiums	Losses	Ratio
	$ millions		%
Automobile	1,917.5	1,606.4	83.8
Accident & Sickness	1,197.5	1,103.4	92.1
Property	1,122.4	597.0	53.1
Liability	240.0	243.6	101.5
Other	128.8	93.1	72.3
Total	4,606.2	3,643.5	79.0

Source: Ministry of Financial Institutions, Office of the Superintendent of Insurance, *Annual Report.*

Notes: 1. Losses includes adjustment expenses.

2. Other includes hail, fidelity, surety, boiler and machinery, aircraft, credit, mortgage, title, legal expense and marine insurance.

Table 24.13 Automobile, Property, Accident and Sickness, and Liability Insurance, Premiums and Losses, Ontario Compared to Canada, 1976 to 1983

	Automobile				Property			
Year	Premiums	% of Canada	Losses	% of Canada	Premiums	% of Canada	Losses	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1983	1,917.5	54.0	1,606.4	61.2	1,122.4	38.2	597.0	35.1
1982	1,779.1	51.9	1,429.4	57.5	1,054.5	37.2	676.2	36.0
1981	1,508.2	51.7	1,273.2	52.2	928.1	35.5	638.0	34.9
1980	1,307.8	53.3	1,043.5	52.4	816.5	38.1	526.8	35.6
1979	1,197.6	53.5	912.9	53.8	663.1	32.9	479.6	38.6
1978	1,134.8	54.7	842.2	55.8	710.0	36.9	368.8	36.5
1977	1,094.4	48.7	752.6	50.4	670.7	31.6	329.7	38.6
1976	962.4	43.7	656.2	50.2	562.5	31.3	307.6	36.8

Table 24.13 (cont'd.)

	Accident & Sickness				Liability			
Year	Premiums	% of Canada	Losses	% of Canada	Premiums	% of Canada	Losses	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1983	1,197.5	46.4	1,103.4	47.9	240.0	43.7	243.6	45.6
1982	1,053.2	45.8	978.1	47.5	241.3	42.2	208.1	48.9
1981	940.4	44.6	821.4	47.7	222.0	44.9	141.8	44.2
1980	810.8	44.7	737.2	47.1	148.5	31.6	107.1	43.3
1979	676.0	43.1	600.0	45.3	191.5	45.5	79.1	35.5
1978	576.8	43.7	475.1	45.6	150.7	38.9	105.8	38.9
1977	484.9	43.3	412.4	45.0	142.2	40.1	96.2	38.5
1976	443.4	44.1	355.6	46.6	110.8	40.5	98.9	54.6

Source: Ministry of Financial Institutions, Office of the Superintendent of Insurance, *Annual Report.*

Notes: 1. See Table 24.12, note 1.
2. Property insurance data include insurance companies and farmers' mutuals.

Table 24.14 Multiple Listing Service Sales, Ontario and Other Regions of Canada, 1984

	Residential Sales		Total Sales	
	$ millions	#	$ millions	#
Ontario	7,839.8	99,840	9,078.7	113,935
Atlantic	481.0	7,873	582.4	10,259
Quebec	1,224.8	20,634	1,420.4	22,750
West	5,320.9	66,495	6,004.3	74,197
Canada	14,866.4	194,842	17,085.9	221,141
Ontario % of Canada	52.7	51.2	53.1	51.5

Source: Canadian Real Estate Association, *1984 Annual Report.*

Note: These figures relate only to sales processed through the Multiple Listing Service (MLS).

Table 24.15 Consulting Engineering Services, Ontario and Other Regions of Canada, 1982

			Fee Income						
	Firms	Total Billings	Canadian Projects	Foreign Projects	Total	Total Expenses	Working Proprietors	Paid Employees	Wages & Salaries
	#			$ millions			#	#	$ millions
Ontario	773	846.3	690.0	76.7	766.7	. .	90	14,488	465.2
Atlantic	128	71.1	. .	. .	67.1	. .	6	1,576	38.8
Quebec	320	611.6	484.9	66.3	551.2	. .	172	8,810	303.9
West	1,015	965.1	. .	. .	843.4	. .	119	14,478	493.3
Canada	2,236	2,494.2	1,979.7	248.6	2,228.3	. .	387	39,352	1,301.2
Ontario % of Canada	34.6	33.9	34.9	30.8	34.4	. .	23.3	36.8	35.8

Source: Statistics Canada, *Architectural, Engineering and Scientific Services, 1982*, (63-537).

Notes: 1. Data are based on a 1982 survey of establishments classified to the 1980 Standard Industrial Classification (SIC) 775 – Architectural, Engineering and other Scientific and Technical Services.

2. Data were collected from firms earning more than $5,000 in consulting engineering services.

Table 24.16 Engineering and Scientific Services, Ontario, 1982

					Operating Revenue	
	Establishments	Working Proprietors	Paid Employees	Salaries & Wages	Total	% of Canada
		number		$ '000's		
Surveying	251	85	1,893	37,734	92,003	19.3
Laboratories	97	8	955	20,994	44,944	28.2
Other Services	325	65	5,053	136,062	320,999	69.4
Total	673	158	7,901	194,790	457,946	41.7

Source: Statistics Canada, *Architectural, Engineering and Scientific Services, 1982*, (63-537).

Note: Data were collected from all firms earning more than $5,000 during 1982 from the provision of Architectural, Engineering and Scientific Services (other than the offices of architects and consulting engineers).

Table 24.17 Architects' Firms, Ontario and Other Regions of Canada, 1982

			Fee Income					
	Firms	Total Billings	Canadian Projects	Foreign Projects	Total	Working Proprietors	Paid Employees	Wages & Salaries
	#		$ millions			#	#	$ millions
Ontario	486	188.4	165.9	8.5	174.5	755	2,279	49.9
Atlantic	86	24.8	. .	. .	22.8	38	435	10.2
Quebec	393	75.6	67.1	2.5	69.6	581	1,094	19.7
West	505	222.6	. .	. .	202.6	555	2,433	63.8
Canada	1,470	511.4	457.7	11.7	469.3	1,929	6,241	143.6
Ontario % of Canada	33.1	36.8	36.2	73.2	37.2	39.1	36.5	34.7

Source: Statistics Canada, *Architectural, Engineering and Scientific Services, 1982*, (63-537).

Notes: 1. See Table 24.15, note 1.

2. Data were collected from firms earning $5,000 or more.

Table 24.18 Rental and Leasing of Cars, Trucks and Trailers, Ontario and Other Regions of Canada, 1976

	Establishments	Working Proprietors	Paid Employees	Wages & Salaries
		number		$ '000's
Ontario	248	24	2,424	24,143
Atlantic	38	. .	206	. .
Quebec	119	13	1,021	10,543
West	144	. .	1,412	. .
Canada	549	50	5,063	50,218
Ontario % of Canada	45.2	48.0	47.9	48.1

Table 24.18 (cont'd.)

	Revenue						
	Rental & Leasing						
	Cars	Trucks	Trailers	Other	Total	Other	Total
		percent				$ '000's	
Ontario	59.6	32.6	5.8	2.0	161,368	21,431	182,799
Atlantic	. .	. .	. .	. .	. .	. .	. .
Quebec	65.9	30.8	3.1	0.2	76,109	4,285	80,394
West	. .	. .	. .	. .	. .	. .	. .
Canada	58.9	34.3	5.3	1.5	337,225	37,269	374,494
Ontario % of Canada	. . .	. . .	. . .	. . .	47.9	57.5	48.8

Source: Statistics Canada, *Motor Vehicle, Equipment and Machinery Rentals, 1976,* (63-533).

Notes: 1. Data refer to establishments primarily engaged in the rental and leasing of cars, trucks and trailers.
2. Other Revenue includes revenue from sales of customer supplies and rental equipment sales.

Table 24.19 Rental and Leasing of Machinery and Equipment, Ontario and Other Regions of Canada, 1976

		Revenue					
	Establishments	Rental & Leasing	Other	Total	Working Proprietors	Paid Employees	Wages & Salaries
	#		$ '000's			number	$ '000's
Ontario	230	80,531	47,296	127,827	50	3,744	39,503
Atlantic	25	11,230	1,590	12,820	5	268	2,834
Quebec	87	48,819	8,826	57,645	16	872	9,629
West	248	62,474	18,299	80,773	26	1,657	18,967
Canada	590	203,054	76,011	279,065	97	6,541	70,933
Ontario % of Canada	39.0	39.7	62.2	45.8	51.5	57.2	55.7

Source: Statistics Canada, *Motor Vehicle, Equipment and Machinery Rentals, 1976,* (63-533).

Notes: 1. Data refer to establishments primarily engaged in the rental and leasing of machinery and equipment.
2. See Table 24.18, note 2.

Table 24.20 Computer Services, Ontario and Other Regions of Canada, 1976 to 1982

Year	Establishments	Total Operating Revenue	Revenue Generated Outside Canada	Working Proprietors	Paid Employees	Salaries & Wages	Total Operating Expenses
	#	$ '000's		number		$ '000's	
1982							
Ontario	795	751,351	54,338	92	12,318	301,379	693,572
Atlantic	52	23,913	. .	4	468	10,104	22,569
Quebec	344	266,166	7,019	38	4,298	103,841	244,403
West	561	306,247	. .	46	5,053	119,216	271,771
Canada	1,752	1,347,677	72,580	180	22,137	534,540	1,232,315
Ontario % of Canada	45.4	55.8	74.9	51.1	55.6	56.4	56.3
Ontario							
1981	630	643,598	43,763	59	11,326	237,934	552,866
1980	491	476,758	41,704	29	9,826	178,952	431,206
1979	338	378,845	30,470	18	8,286	144,925	337,660
1978	342	312,384	14,060	30	7,440	116,772	265,622
1977	294	249,747	6,938	37	6,746	94,811	. .
1976	247	188,520	6,323	29	5,599	74,353	. .

Source: Statistics Canada, *Computer Service Industry*, (63-222).

Note: Data cover establishments primarily engaged in the provision of computer services, including processing services, input preparation, software and systems services, systems development and maintenance, equipment maintenance services and other computer services.

Table 24.21 Computer Services, Operating Revenue by Source, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ 000's			
Processing Services	335,836	9,231	129,397	173,804	648,268	51.8
Input Preparation	24,693	1,146	6,511	14,224	46,574	53.0
Rental & Royalties of Software	25,095	. .	6,517	. .	38,726	64.7
Sales of Software	65,563	889	10,048	19,747	96,247	68.1
Systems Development & Maintenance	92,891	4,354	45,406	39,113	181,764	51.1
Consulting Services	83,935	324	25,322	21,370	130,951	64.1
Other Software & Systems Services	3,329	412	. .	. .	8,314	40.0
Other Computer Services	30,271	195	3,878	. .	37,299	81.2
Sales of EDP Equipment	42,629	. .	16,259	. .	79,916	53.3
Lease or Rentals of EDP Equipment	12,919	647	. .	. .	25,215	51.2
Equipment Maintenance Services	20,482	745	4,736	. .	29,034	70.5
Other Operating Revenue	13,708	1,796	4,741	. .	25,369	54.0
Total Operating Revenue	751,351	23,913	266,166	306,247	1,347,677	55.8

Source: Statistics Canada, *Computer Service Industry*, (63-222).

Notes: 1. See note, Table 24.20.
2. Other Computer Services includes education.

Table 24.22 **Computer Services, Operating Revenue by Class of Customer, Ontario and Other Regions of Canada, 1982**

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ 000's			
Mining & Primary Metals	24,347	. .	1,013	. .	30,526	79.8
Gas & Oil	19,401	. .	8,276	. .	96,810	20.0
Foods & Beverages	16,911	201	1,826	2,808	21,746	77.8
Forestry, Pulp & Paper	13,949	. .	3,667	. .	22,477	62.1
Other Manufacturing	82,863	565	24,268	5,182	112,878	73.4
Banks & Other Deposit–Accepting Institutions	59,635	. .	55,689	. .	143,876	41.4
Insurance Carriers	51,691	249	22,102	. .	90,802	56.9
Other Finance & Real Estate	19,344	228	10,158	5,456	35,186	55.0
Wholesale Trade	36,719	653	11,703	17,638	66,713	55.0
Retail Trade	49,116	3,322	15,480	17,589	85,507	57.4
Transportation	14,765	. .	4,371	. .	26,796	55.1
Communications & Other Utilities	19,628	1,089	7,736	21,611	50,064	39.2
Construction	9,933	278	2,020	6,701	18,932	52.5
Services to Business Management	63,605	1,229	25,320	35,655	125,809	50.6
Other Service Trades	4,954	532	2,528	2,981	10,995	45.1
Health Services	18,797	168	32,800	9,522	61,287	30.7
Elementary & Secondary Education	3,909	1,176	1,267	8,040	14,392	27.2
Post-Secondary Education	13,220	1,457	1,548	. .	19,492	67.8
Municipal Governments	12,308	228	6,460	7,099	26,095	47.2
Provincial Governments	46,065	. .	19,544	. .	98,723	46.7
Federal Government	119,011	2,444	5,309	2,735	129,499	91.9
Non-profit Organizations	9,513	59	873	1,436	11,881	80.1
Other	41,667	599	2.208	2,717	47,191	88.3
Total	751,351	23,913	266,166	306,247	1,347,677	55.8

Source: Statistics Canada, *Computer Service Industry, (63-222)*.

Notes: 1. See note, Table 24.20.
2. Services to Business Management includes services to accountants, lawyers and business consultants.
3. Other Service Trades includes hotels, restaurants, amusement and recreation.
4. Health Services includes hospitals.
5. Elementary & Secondary Education includes school boards.

Chapter 25

Accommodation and Food Services

Accommodation and Food Services

The accommodation and food services industry accounts for over 2% of Ontario's gross domestic product and employs about 200,000 people. This industry is an important part of the tourism industry, and as such, is susceptible to changes in economic conditions and in consumer spending priorities.

Both the federal and Ontario governments provide promotional, research and information services for the industry. The Provincial government provides advice to the industry on planning and development and promotes the use of Ontario facilities through domestic and international marketing.

The industry is defined to include hotels, motels, lodging and residential clubs, camping grounds, trailer parks, restaurants, caterers and taverns. This chapter is closely related to Chapter 26, Recreation, since recreational, travel and cultural activities often include the use of accommodation and food service facilities.

Sources of Data

The main sources of data are the following Statistics Canada surveys:

- Family Expenditures Survey;
- Traveller Accommodation Statistics;
- Restaurants, Caterers and Taverns Survey.

The Family Expenditures Survey provides information on average annual family expenditure on a variety of items including accommodation and food services. A detailed description of this survey can be found in Chapter 9, Personal Income, Expenditure and Saving.

The Services Division of Statistics Canada conducts the Traveller Accommodation Statistics survey covering hotels and motels (including tourist homes, tourist courts and cabins) and camping grounds and trailer parks (including hunting and fishing camps). This survey encompasses all businesses which provide sleeping facilities in the form of rooms, cabins, cottages, and tent or trailer spaces for guests; meals, alcoholic beverages and entertainment may or may not be offered. From 1972 to 1979, tourist homes were included in the category of tourist courts and cabins, but because of difficulties in data collection, they have been excluded from the 1980 and 1981 data. Revisions made to some of the survey results for 1975 and 1976 have not been carried out for all the available detail and have been excluded to maintain continuity. Prior to 1976, businesses reporting room receipts as less than 1% of alcohol sales, or merchandise sales greater than two thirds of room receipts, or room receipts primarily from permanent guests, were excluded from the survey; such businesses have been included since 1976. Data are published annually in *Traveller Accommodation Statistics, (63-204)*, and are available on CANSIM.

Although restaurant operations have been surveyed for some time, it was not until 1980 that a monthly survey was introduced to cover the other parts of the restaurant, caterer and tavern industry. The survey provides estimates of sales for food and alcohol-serving establishments by kind of business and tenure. Excluded by definition are eating places which are:

- an integral part of accommodation establishments;
- in military/service clubs;
- in institutions;
- establishments outside the service sector.

Preliminary results are released within six weeks of the reference month and final data are published one month later in *Restaurant, Caterer and Tavern Statistics, (63-011)*. The data are also available on CANSIM.

For further information about the traveller accommodation or food services surveys, contact the Services Division of Statistics Canada, telephone Ottawa, 990-9662.

Other sources of information on this industry include the following:

the Canadian Hostelling Association, telephone Toronto, 368-1848, maintains data on the capacity and use of hostels in Canada;

- the firm of Laventhol and Horwath produces a publication entitled *Trend of Business in Hotels*;
- the Ministry of Tourism and Recreation, telephone Toronto, 965-5725, commissions a sample survey of 300 to 400 properties to produce occupancy rates by property type and property size for Ontario and the twelve travel association regions. These monthly data are available in a quarterly publication entitled *Occupancy Monitor*.

Accommodation and Food Services

Charts:

25.1 Average Annual Family Expenditures, Accommodation and Food, Ontario and Other Regions of Canada, 1982
25.2 Sources of Receipts for All Types of Accommodation, Ontario, 1972 and 1983

Tables:

25.1 Gross Domestic Product: Accommodation and Food Services Industry, Ontario, 1971 to 1983
25.2 Average Annual Family Expenditure, Accommodation and Food, Ontario and Other Regions of Canada, 1982
25.3 Traveller Accommodation Locations, Ontario and Other Regions of Canada, 1972 to 1983
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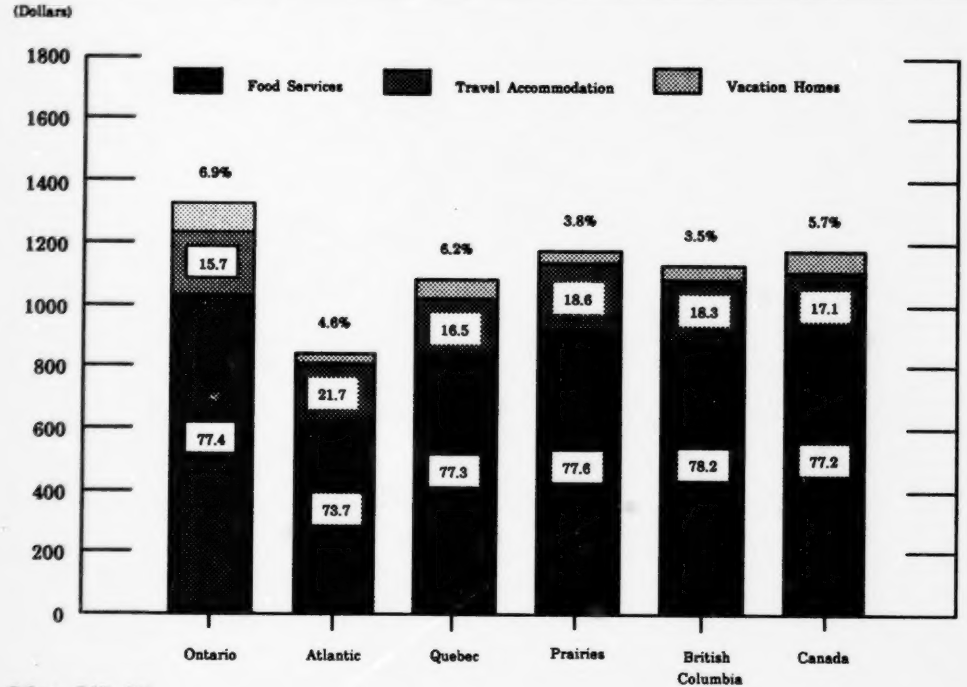
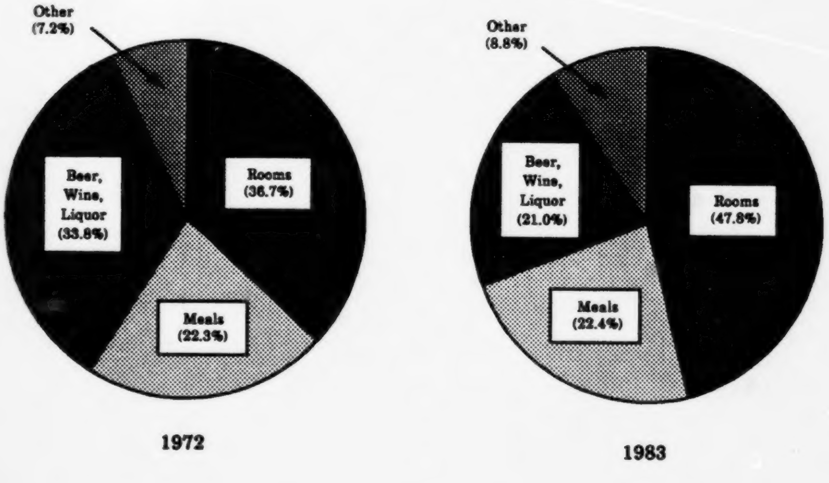
25.7 Employment Statistics for Hotels, Ontario, 1972 to 1983
25.8 Sources of Receipts, Hotels, Ontario, 1972 to 1983
25.9 Total Receipts for Restaurants, Caterers and Taverns, Ontario and Other Regions of Canada, 1984
25.10 Rooms for all Types of Accommodation, Ontario and Other Regions of Canada, 1976 to 1983.

Chart 25.1 Average Annual Family Expenditures, Accommodation and Food, Ontario and Other Regions of Canada, 1982



Refer to Table 25.2

Chart 25.2 Sources of Receipts for All Types of Accommodation, Ontario, 1972 and 1983



Refer to Table 25.6

Table 25.1 Gross Domestic Product: Accommodation and Food Services Industry, Ontario, 1971 to 1983

Year	Hotels & Motels Value	Hotels & Motels % of Total GDP	Restaurants, Caterers & Taverns Value	Restaurants, Caterers & Taverns % of Total GDP	Total Value	Total % of Total GDP
	$ millions		$ millions		$ millions	
1983	834.8	0.6	2,170.7	1.6	3,163.5	2.4
1982	798.5	0.7	2,051.2	1.7	2,997.3	2.5
1981^{r}	776.0	0.7	1,899.5	1.7	2,808.2	2.4
1980^{r}	702.8	0.7	1,707.3	1.7	2,528.8	2.5
1979	616.6	0.7	1,508.5	1.7	2,233.5	2.5
1978	563.6	0.7	1,331.7	1.7	1,991.7	2.5
1977	508.5	0.7	1,122.0	1.5	1,719.3	2.4
1976^{r}	473.2	0.7	1,018.4	1.5	1,572.0	2.3
1975	411.1	0.7	870.4	1.5	1,353.9	2.3
1974	377.1	0.7	756.8	1.4	1,196.8	2.3
1973	320.6	0.7	628.7	1.4	1,004.2	2.2
1972	289.2	0.7	524.9	1.4	862.8	2.2
1971	264.1	0.8	476.6	1.4	784.5	2.3

Sources: CANSIM.
Statistics Canada, *Provincial Gross Domestic Product by Industry, (61-202).*
Provincial Economic Accounts, (13-213).

Notes: 1. The total accommodation and food services industry also includes (a) lodging houses and residential clubs, and (b) camping groups and trailer parks which have not been itemized here. They are included in the total.
2. The percentages are calculated using total Gross Domestic Product at factor cost.

Table 25.2 Average Annual Family Expenditure, Accommodation and Food, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	Prairie	British Columbia	Canada
			dollars			
Food in Eating Places	1,028	627	847	924	890	912
Consumed Locally or on Day Trips	863	536	738	732	697	760
Consumed While Away Overnight or Longer	165	91	110	192	193	153
Food Purchased & Prepared on Trips	33	23	24	44	41	33
Vacation/Travel Accommodation	168	115	126	178	168	155
Hotels	86	57	57	86	86	76
Motels/Tourist Homes, etc.	56	42	45	66	54	53
Campgrounds/Other	27	16	24	26	29	25
Vacation Homes	92	39	68	45	40	67
Rented	21	8	7	6	–	11
Owned	71	31	61	39	40	56
Other Accommodations Away From Home	41	70	55	43	40	47
Total Expenditure on Accommodation & Food	1,362	874	1,120	1,234	1,179	1,214
Accommodation & Food as % of Total Expenditure	5.0	3.2	4.1	4.6	4.4	4.5

Source: Statistics Canada, *Family Expenditure in Canada, (62-555).*

Note: The family or spending unit is defined as (a) a group of persons dependent on a common or pooled income for major expenditure items and living in the same dwelling, or (b) a financially independent individual living alone.

Table 25.3 Traveller Accommodation Locations, Ontario and Other Regions of Canada, 1972 to 1983

Year	Hotels	Motels	Tourist Courts & Cabins	Tent & Trailer Camp-grounds	Outfitters	Total
			number			
1983						
Ontario	1,026	1,330	1,456	1,168	600	5,580
Atlantic	243	396	168	329	63	1,199
Quebec	1,037	679	97	556	347	2,716
West	1,960	1,431	312	909	301	4,913
Canada	4,266	3,836	2,033	2,962	1,311	14,408
Ontario % of Canada	24.1	34.7	71.6	39.4	45.8	38.7
Ontario						
1982	1,047	1,331	1,472	1,169	632	5,651
1981	1,103	1,346	1,409	1,161	660	5,679
1980	1,147	1,362	1,424	1,194	765	5,892
1979	1,198	1,402	1,524	1,230	773	6,127
1978	1,255	1,449	1,724	1,247	742	6,417
1977	1,227	1,475	1,602	1,230	1,003	6,537
1976	1,272	1,508	1,710	1,231	1,008	6,729
1975	1,170	1,436	1,754	1,155	1,006	6,521
1974	1,166	1,450	1,803	1,112	1,001	6,532
1973	1,216	1,438	1,931	995	1,012	6,592
1972	1,260	1,505	2,192	916	1,022	6,895

Source: Statistics Canada, *Traveller Accommodation Statistics*, (63-204).

Notes: 1. The term locations refers to a physically separate place of business.

2. Tourist homes have been added to the category Tourist Courts and Cabins for 1972 to 1979. This category also includes recreation vacation camps.

3. Outfitters are generally located in remote areas where fish and game are available. They offer accommodation in lodges, cabins and/or campsites and provide such facilities and services as boat and equipment rental, supplies, provisions and guides.

Table 25.4 Traveller Accommodation Units, Ontario and Other Regions of Canada, 1976 to 1982

Year	Rooms	Cabins	Tent & Trailer Spaces	Total
		'000's		
1982				
Ontario	85.6	20.9	138.2	244.6
Atlantic	21.6	2.9	33.5	58.0
Quebec	56.6	5.3	69.3	131.2
West	121.6	8.2	88.6	218.3
Canada	285.4	37.3	329.5	652.2
Ontario % of Canada	30.0	56.0	41.9	37.5
Ontario				
1981r	85.1	20.7	136.9	242.7
1980	85.4	21.8	135.7	242.9
1979r	86.1	22.5	140.4	249.1
1978	87.4	23.4	138.7	249.5
1977	87.4	24.2	143.4	255.0
1976	87.8	15.0	138.2	241.1

Sources: Statistics Canada, *Traveller Accommodation Survey, Special Tabulation.*
Tourism and Recreation, A Statistical Digest, (87-401).

Notes: 1. The table does not include national or provincial parks.

2. Tourist homes are excluded for 1981 and 1982.

Table 25.5 Receipts of Traveller Accommodation Establishments, Ontario, 1972 to 1983

Year	Hotels	Motels	Tourist Courts & Cabins	Tent & Trailer Campgrounds	Outfitters	Total	
						Ontario	% of Canada
				$ millions			
1983	1,302.2	189.4	47.2	72.4	56.1	1,667.3	30.3
1982	1,248.7	189.3	44.1	68.1	53.1	1,603.4	30.3
1981	1,189.6	191.6	38.8	57.6	50.2	1,527.7	29.9
1980	1,067.0	146.5	30.6	52.7	49.4	1,346.2	29.7
1979	975.7	137.0	31.4	51.2	42.4	1,237.7	30.6
1978	892.6	132.1	30.7	45.4	35.8	1,136.7	31.3
1977	784.8	121.4	23.2	38.3	35.7	1,003.4	30.3
1976	723.3	113.9	22.6	32.8	32.0	924.6	30.2
1975	615.1	94.1	19.1	28.6	28.3	785.2	30.5
1974	554.6	87.0	17.1	24.7	26.0	709.4	31.2
1973	472.6	75.7	17.2	19.3	23.7	608.4	31.5
1972	417.4	74.5	17.0	14.4	22.1	545.4	31.9

Source: Statistics Canada, *Traveller Accommodation Statistics*, (63-204).

Note: See Table 25.3, notes 2 and 3.

Table 25.6 Sources of Receipts for all Types of Accommodation, Ontario and Other Regions of Canada, 1972 to 1983

Year	Rooms	Meals	Beer, Wine, Liquor	Merchandise Sales	All Other	Total
				$ millions		
1983						
Ontario	765.6	358.7	337.3	70.2	70.9	1,667.3
Atlantic	155.8	73.6	42.5	9.9	8.2	294.5
Quebec	399.8	201.8	202.0	36.1	44.6	911.9
West	850.8	485.2	838.2	275.5	117.9	2,612.7
Canada	2,172.1	1,119.2	1,419.9	391.7	241.7	5,506.9
Ontario % of Canada	35.2	32.1	23.8	17.9	29.3	30.3
Ontario						
1982	729.2	342.0	327.9	71.8	71.1	1,603.4
1981	682.1	335.5	323.1	67.3	62.9	1,527.7
1980	572.9	306.3	305.8	53.2	52.0	1,346.2
1979	508.2	283.1	303.4	47.0	46.9	1,237.7
1978	443.5	263.4	300.2	43.2	44.2	1,136.7
1977	383.4	235.3	269.7	31.8	42.2	1,003.4
1976	345.8	220.0	258.1	31.7	32.4	924.6
1975	302.8	183.5	215.2	23.4	27.0	785.2
1974	269.0	163.2	199.7	21.4	25.1	709.4
1973	221.1	133.0	181.3	19.3	25.6	608.4
1972	190.4	115.7	175.6	19.0	18.7	545.4

Source: Statistics Canada, *Traveller Accommodation Statistics*, (63-204).

Note: Since no breakdown of receipts by source is available for outfitters or provincial and federal campgrounds, components will not add to totals.

Table 25.7 Employment Statistics For Hotels, Ontario, 1972 to 1983

Year	Working Proprietors	Family Workers	Paid Employees Full Time	Paid Employees Part Time	Salaries & Wages
			number		$ millions
1983	259	276	29,055	13,424	367.1
1982	289	292	29,163	15,044	344.0
1981	304	265	30,821	13,115	327.0
1980	355	378	31,063	14,632	298.6
1979	384	355	30,332	14,282	272.9
1978	505	397	31,965	13,449	257.3
1977	543	458	30,390	13,165	234.8
1976	..	537	30,384	12,094	226.8
1975	..	496	26,875	11,824	182.0
1974	..	498	26,463	10,193	160.7
1973	..	641	24,823	9,729	134.8
1972	..	575	24,520	9,369	127.5

Source: Statistics Canada, *Traveller Accommodation Statistics*, (63-204).

Table 25.8 Sources of Receipts, Hotels, Ontario, 1972 to 1983

Year	Rooms	Meals	Beer, Wine, Liquor	Merchandise Sales	All Other	Total
			$ millions			
1983	585.8	317.6	318.0	22.9	57.8	1,302.2
1982	555.2	300.8	311.9	22.0	58.8	1,248.7
1981	523.1	294.1	307.1	20.2	45.1	1,189.6
1980	438.7	273.7	295.2	19.5	39.9	1,067.0
1979	383.9	252.8	290.7	14.0	34.4	975.7
1978	326.9	233.2	286.8	13.5	32.2	892.6
1977	282.6	204.9	256.4	10.3	30.6	784.8
1976	250.3	191.6	246.8	9.6	25.0	723.3
1975	218.9	159.9	207.3	8.3	20.6	615.1
1974	192.9	142.0	191.7	8.0	20.0	554.6
1973	153.2	115.2	175.9	7.6	20.5	472.6
1972	127.3	98.7	169.6	7.8	14.0	417.4

Source: Statistics Canada, *Traveller Accommodation Statistics*, (63-204).

Table 25.9 Total Receipts for Restaurants, Caterers and Taverns, Ontario and Other Regions of Canada, 1984

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
Kind of Business						
Restaurants, Licensed	2,033.6	172.9	1,063.6	1,443.3	4,713.3	43.1
Restaurants, Unlicensed	1,051.0	188.5	845.8	1,071.9	3,157.2	33.3
Take-out Food Shops	617.6	134.1	201.6	316.6	1,269.9	48.6
Caterers	333.2	75.4	194.1	225.0	827.7	40.3
Taverns	175.5	96.0	350.6	201.7	823.8	21.3
Total	4,210.8	666.8	2,655.7	3,258.7	10,791.9	39.0
Type of Ownership						
Chains	1,056.7	157.8	397.5	816.3	2,428.2	43.5
Independents	3,154.2	509.0	2,258.2	2,442.3	8,363.7	37.7

Source: Statistics Canada, *Restaurant, Caterer and Tavern Statistics*, (63-011).

Note: Chains are defined as organizations operating four or more locations under the same legal ownership.

Table 25.10 **Rooms for all Types of Accommodation, Ontario and Other Regions of Canada, 1976 to 1983**

Year	Hotels	Motels	Tourist Courts & Cabins	Outfitters	Private & Municipal Campgrounds
			number		
1983					
Ontario	61,977	24,021	267	442	2,137
Atlantic	13,283	7,884	119	56	213
Quebec	42,937	12,573	96	237	412
West	93,221	34,731	182	316	1,016
Canada	211,418	79,209	664	1,051	3,778
Ontario % of Canada	29.3	30.3	40.2	42.1	56.6
Ontario					
1982	60,416	24,274	255	451	2,054
1981	59,968	24,301	279	433	2,028
1980	60,299	24,031	275	596	2,024
1979	60,770	24,362	287	512	2,049
1978	62,415	26,263	368	657	2,023
1977	61,874	26,894	420	583	1,777
1976	62,651	26,750	388	609	1,722

Source: Statistics Canada, *Traveller Accommodation Statistics*, (63-204).

Note: Rooms for private and municipal campgrounds include rooms, cabins and cottages.

Chapter 26
Recreation

Recreation

While most recreational facilities are provided by the private sector, governments are also heavily involved in recreation. The Ontario Ministry of Natural Resources administers Provincial parks and regulates recreational hunting and fishing. The Ministry of Tourism and Recreation initiates policies and programs related to recreation in support of the tourism industry in Ontario, and provides financial aid, consulting and promotional services for sports, recreation and fitness. The Ontario Ministry of Citizenship and Culture promotes participation in cultural activities. The federal government provides a wide variety of promotional, advisory and financial assistance. In addition, municipalities and conservation authorities maintain parks, and municipalities also provide recreational and sports facilities and programs.

The data in this chapter cover recreational activities including sports and fitness activities, travel, motion picture and live performances, museums and public libraries. The related topics of accommodation and food services are covered in Chapter 25, Accommodation and Food Services.

Sources of Data

The major sources of data are:

- Statistics Canada's surveys of Family Expenditures, Retail Trade, and Household Facilities and Equipment;
- Ontario Ministry of Tourism and Recreation's sports and fitness surveys;
- Ontario Ministry of Natural Resources and Canadian Wildlife Service records;
- Ontario Ministry of Tourism and Recreation's Travel Survey;
- Statistics Canada's border crossing counts and survey of travellers;
- Statistics Canada's surveys of Theatres, the Performing Arts and Museums and Related Institutions;
- Ontario Ministry of Citizenship and Culture's Survey of Public Libraries.

The Family Expenditures Survey conducted by Statistics Canada, provides an indication of family expenditure on recreation, travel and culture. A detailed discussion of this source can be found in Chapter 9, Personal Income, Expenditure and Saving.

Statistics Canada's Retail Trade Survey provides estimates of sales of sporting goods and accessories stores. This monthly survey is discussed in further detail in Chapter 23, Retail and Wholesale Trade.

Statistics Canada's Household Facilities and Equipment Survey covers ownership of selected recreational equipment. Additional data and background notes can be found in Chapter 10, Housing and Household Facilities.

The Sports and Fitness Branch of the Ontario Ministry of Tourism and Recreation monitors activity patterns in the Province each spring and fall using a sample survey of adults. This survey examines the frequency, type and sufficiency of physical activity, reasons for inactivity and exercise patterns by age and sex. The most recent results are published in a research report entitled *Physical Activity Patterns in Ontario – II.*

In 1980, The Sports and Fitness Branch commissioned a study, *Physical Activity in the Workplace*, which was updated in 1985. This study examined workplace programs dealing with socio-cultural, sports, recreational and fitness activities. A total of 1,000 organizations was surveyed with regard to types of programs offered, subsidization, facilities and geographic distribution of programs. Further information on these reports can be obtained from the Sports and Fitness Branch of the Ministry of Tourism and Recreation, telephone Toronto, 965-6311.

The Ontario Ministry of Natural Resources collects data on hunting and angling permits. The Canadian Wildlife Service provides data on migratory game bird permits. Detail on licences sold by type of game is also available. These organizations can be contacted for further information at Toronto, 965-4252 and Ottawa, 997-1121, respectively.

The Parks and Recreational Areas Branch of the Ministry of Natural Resources compiles a wide range of data for parks under the Provincial Parks Act. Further information is available in the Ministry's annual publications *Ontario Provincial Parks Statistics* and *Statistics*, or from the branch, telephone Toronto, 965-1245.

The Ontario Ministry of Tourism and Recreation's Travel Survey, conducted in 1982, involved over 4,000 households keeping a travel diary for a two month period and was commissioned to assess travel by Ontario residents. The survey provides information on characteristics and expenditures of trips, within and outside the Province, of 25 miles or more (one way). The data are published in the *Ontario Travel Survey*. Further information is available from the Tourism Marketing Branch, telephone Toronto, 965-5725.

Statistics Canada develops data from counts made at the various points of entry into Canada and from questionnaires completed by travellers. The information covers resident travellers returning to Canada and non-resident travellers entering Canada, and includes methods of travel, expenditures, purpose of trip and place of residence of travellers, although not all detail is published at the provincial level. Selected items are accessible on CANSIM and published in *Travel Between Canada and Other Countries, (66-001*, quarterly and *66-201*, annual). For further information, contact the International and Financial Economics Division of Statistics Canada, telephone Ottawa, 990-8933.

Based on an annual survey, Statistics Canada's Services Division publishes data in *Motion Picture Theatres and Film Distributors, (63-207)*. The Division can be contacted at Ottawa, 990-9662.

The Performing Arts Survey is conducted by Statistics Canada's Education, Culture and Tourism Division on an annual basis. Professional performing arts organizations from the disciplines of theatre, music, dance and opera are surveyed to provide statistical information concerning finances, performances and audiences. The data appear in the publications *Culture Statistics, Performing Arts, (87-524)*, and *Culture Communiqué, (87-001)*, preliminary results.

The same division of Statistics Canada undertakes an occasional survey of museums and related institutions with regard to attendance and finances. The results are published in *Culture Statistics, Museums, Art Galleries and Related Institutions, (87-516)*, and in *Culture Communiqué, (87-001)*. Further information on both surveys is available from the Education, Culture and Tourism Division, telephone Ottawa, 993-6863.

The Ontario Ministry of Citizenship and Culture conducts an annual survey of public libraries. All library boards are required to submit information with respect to service, circulation, receipts and disbursements, and library personnel. Data back to 1883 are available from the Archives of Ontario. The results of the survey are published in a detailed report entitled *Public Library Statistics*. The Libraries and Community Information Branch can be reached at Toronto, 965-2696. Data on public libraries are also published on an occasional basis by Statistics Canada in *Culture Statistics, Public Libraries in Canada, (87-514)*.

Other potential sources of information on recreation, travel and culture are as follows:

- *Fitness and Lifestyle in Canada* is a report initiated and funded by Fitness Canada. Data on activity levels, results of fitness tests, attitudes regarding fitness and popular activities are published on a national level but are available regionally;
- the Ministry of Tourism and Recreation has published a six volume study entitled *Recreation: A Changing Society's Economic Giant* on the economic and social impact of recreation in Ontario;
- every five years, the Ministry of Natural Resources publishes a *Survey of Ontario's Resident and Non-Resident Sport Fishermen*; the analysis of the 1985 data is in process. The data include such items as expenditures of fishermen and number of days fished;
- since 1971, Statistics Canada has conducted, under varying sponsorship, a number of occasional surveys with the generic title of *Canadian Travel Survey*. Comparability over time is limited because of the different concepts and methodologies used. For 1979, 1980, 1982 and 1984, data were collected for all four quarters as a supplement to the Labour Force Survey. The results are published in *Canadian Travel Survey, (87-504)*.

Recreation

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26.1 Average Annual Family Expenditure on Recreational, Cultural and Travel Activities, Ontario and Other Regions of Canada, 1982
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26.3 Travel Between Ontario and the United States, 1974 to 1984
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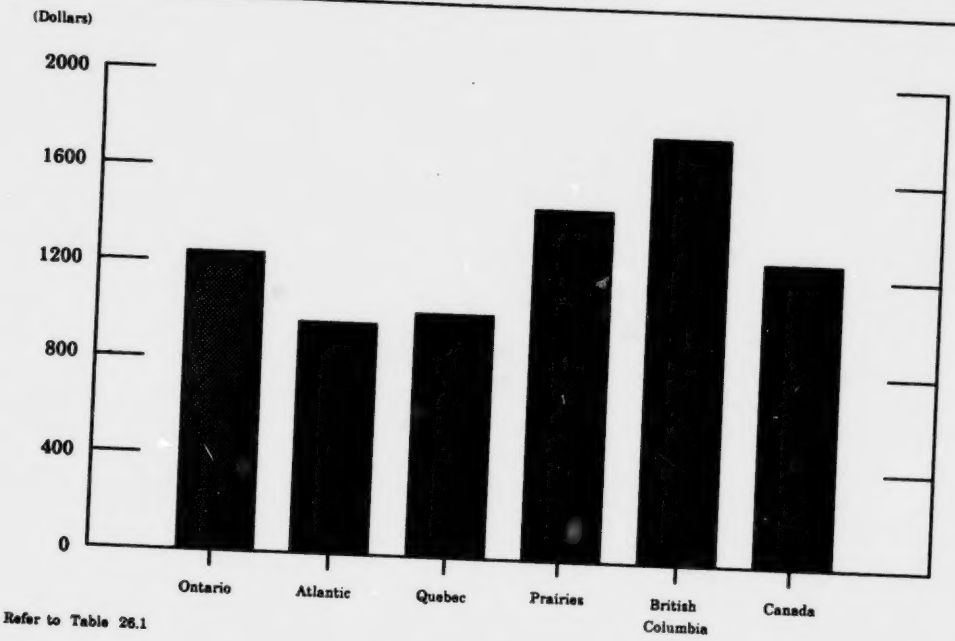
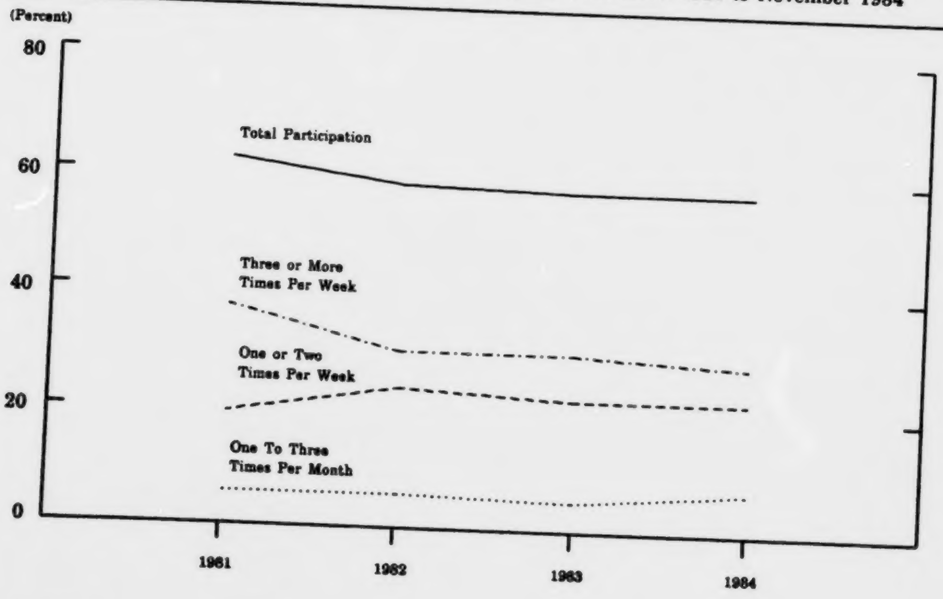
Chart 26.1 Average Annual Family Expenditure on Recreational, Cultural and Travel Activities, Ontario and Other Regions of Canada, 1982



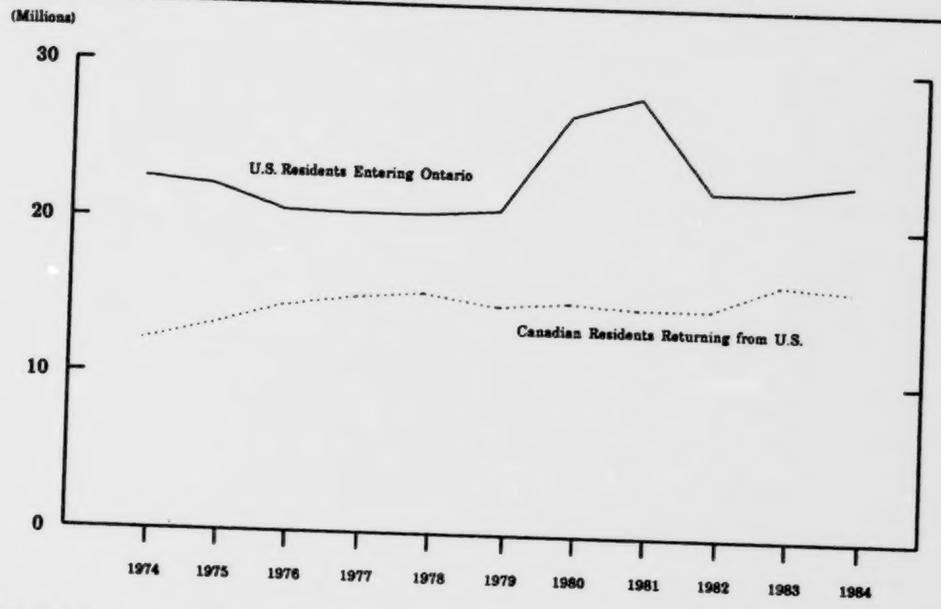
Refer to Table 26.1

Chart 26.2 Participation in Physical Activity, Ontario, November 1981 to November 1984



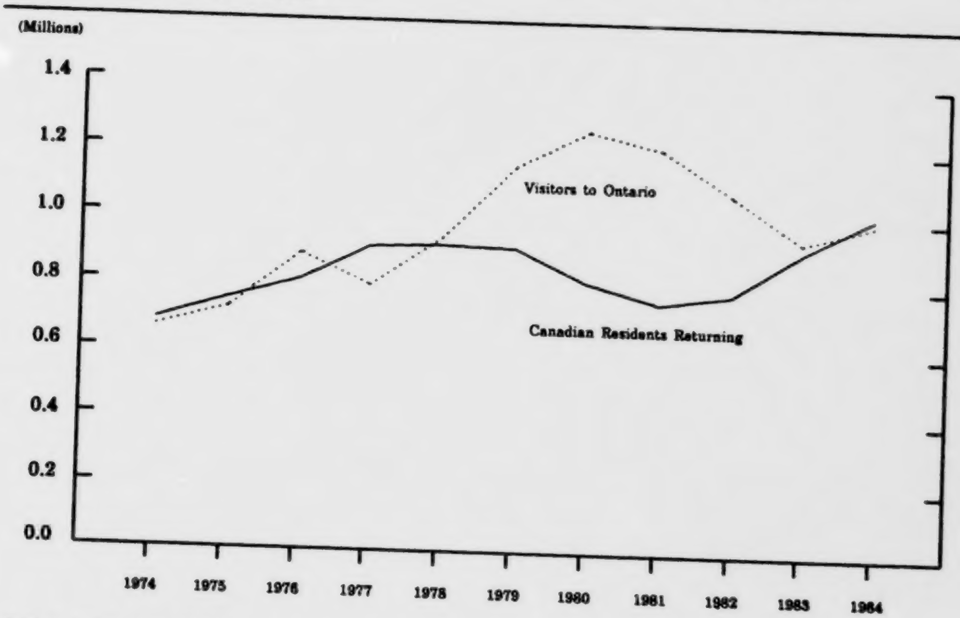
Refer to Table 26.2

Chart 26.3 Travel Between Ontario and the United States, 1974 to 1984



Refer to Tables 26.13 and 26.14

Chart 26.4 Travel Between Ontario and Countries Other than the United States, 1974 to 1984



Refer to Tables 26.13 and 26.14

Table 26.1 Average Annual Family Expenditure on Recreational, Cultural and Travel Activities, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
				dollars		
Motion Picture Showings	47	35	35	44	41	41
Live Sports Spectacles	22	13	24	34	21	24
Live Staged Performances	31	14	27	23	26	27
Cablevision	59	43	54	52	65	56
Membership Fees & Dues for Clubs	70	32	42	63	59	57
Fees for Single Usage	60	41	45	75	71	58
Admission to Museums, Exhibitions	20	12	7	20	14	15
Travel Tours	123	50	119	130	116	116
Other Recreation Services	13	50	11	23	12	17
Recreation Equipment & Associated Services	339	277	279	414	442	344
Recreation Vehicles & Outboard Motors	184	200	150	307	656	257
Home Entertainment Equipment & Services	265	201	218	284	254	249
Total Expenditure on Recreational, Cultural & Travel Activities	1,233	968	1,011	1,469	1,776	1,262
Percentage of Total Expenditure	4.4	4.3	3.9	5.2	6.3	4.7

Source: Statistics Canada, *Family Expenditure in Canada, 1982, (62-555).*

Note: The family or spending unit is defined as (a) a group of persons dependent on a common or pooled income for major expenditure items and living in the same dwelling or (b) a financially independent individual living alone.

Table 26.2 Participation in Physical Activity, Ontario, November 1978 to November 1984

	Frequency of Activity			
Year	Three or More Times Per Week	One or Two Times Per Week	One to Three Times Per Month	Total Participants
			percent	
November 1984	28	22	7	57
June 1984	44	20	5	69
November 1983	30	22	5	57
June 1983	44	18	5	68
November 1982	30	23	6	58
June 1982	44	16	4	65
November 1981	37	19	6	62
June 1981	45	19	6	70
November 1980	37	20	6	63
June 1980	39	18	6	63
November 1979	29	21	6	56
June 1979	32	20	6	58
November 1978	26	23	7	56

Source: Ministry of Tourism and Recreation, Sports and Fitness Branch, *Physical Activity Patterns in Ontario – II.*

Note: Respondents are adults 18 years and over.

Table 26.3 Participation in Specific Physical Activities, Ontario, June 1984 and November 1984

	June 1984	Rank	November 1984	Rank
	%		%	
Walking	26	1	22	1
Swimming	16	2	6	4
Bicycling	15	3	7	3
Calisthenics	12	4	14	2
Jogging/Running	8	5	6	4
Baseball	7	6	--	19
Golf	6	7	2	10
Gardening	6	7	1	14
Tennis/Badminton/Table Tennis	5	9	2	10
Weightlifting	4	10	4	7
Squash/Raquetball/Handball	3	11	3	9
Boating/Fishing	3	11	1	14
Skating/Hockey	2	13	6	4
Bowling	2	13	4	7
Dancing	2	13	2	10
Basketball/Volleyball	2	13	2	10
Football/Rugby	1	17	1	14
Soccer	1	17	1	14
Yoga	--	19	--	19
Curling	--	20	1	14
Other	5	. . .	3	. . .
Non-Participants	31	. . .	43	. . .
Participants	69	. . .	57	. . .

Source: Ministry of Tourism and Recreation, Sports and Fitness Branch, *Physical Activity Patterns in Ontario – II.*

Notes: 1. For description of respondents, see note, Table 26.2.

2. The figures refer to the percent of respondents participating at least once in the survey month. Totals are greater than 100% as many individuals participated in more than one activity.

Table 26.4 Physical Activity Programs in the Workplace, Ontario, 1984

	Industry/ Manufacturing	Trade/ Commerce	Finance/ Public Administration	Average
		percent		
Sports & Recreation				
Team Sports	73	78	76	75
Individual Sports	25	21	34	28
Tournaments or Special Events	5	5	15	8
Outdoor Sports	83	79	79	81
Other Sports	2	2	3	3
Fitness Programs				
Jogging	42	43	50	46
Individualized	48	48	55	52
Group Programs	60	67	67	64
Exercise Breaks	8	14	7	8
Other Programs	15	10	8	11

Source: Ministry of Tourism and Recreation, *Physical Activity in the Workplace.*

Notes: 1. The organizations surveyed were defined as follows: Industry/Manufacturing–organizations involved in the major fields of agriculture, forestry, fisheries, mining, construction and manufacturing; Trade/Commerce–organizations involved in the major fields of transportation, communication, public utilities, wholesale trade, and retail trade; Finance/Public Administration–organizations involved in the major fields of finance, insurance, real estate, services and public administration.

2. The figures refer to the percentage of organizations offering programs.

Table 26.5 Sales of Sporting Goods and Accessories Stores, Ontario and Other Regions of Canada, 1972 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1984	512.1	82.0	488.8	557.6	1,640.5	31.2
1983	410.2	59.7	429.4	501.8	1,401.1	29.3
1982	372.1	44.5	388.5	484.7	1,289.9	28.8
1981	307.5	45.6	341.1	481.2	1,175.4	26.2
1980	275.2	46.1	319.4	373.9	1,014.6	27.1
1979	299.8	49.9	286.0	310.7	946.4	31.7
1978	249.4	45.0	263.9	258.2	816.4	30.5
1977	221.0	38.4	255.9	214.5	729.8	30.3
1976	216.1	31.8	230.4	212.7	691.0	31.3
1975	125.7	25.2	196.6	169.9	517.4	24.3
1974	115.0	20.6	147.3	140.9	423.8	27.1
1973	105.8	17.4	123.0	126.8	373.0	28.4
1972	98.8	16.2	110.0	114.2	339.1	29.1

Source: Statistics Canada, *Retail Trade*, (63-005).

Note: Sporting Goods and Accessories Stores include sporting goods stores, boats, outboard motors and boating accessories, bicycle and bicycle repair shops, motorcycle dealers.

Table 26.6 Households Owning Selected Items of Recreational Equipment, Ontario, 1971 to 1985

Year	Snow Skis	Pleasure Boats	Overnight Camping Equipment	Vacation Homes	Adult Size Bicycles	Snowmobiles	Total Households
				percent			'000's
1985	29.3	15.1	22.7	6.4	44.9	7.5	3,268
1984	30.2	..	..	..	..	..	3,179
1983	..	..	..	..	..	..	3,078
1982	30.2	17.6	25.8	6.5	48.9	7.6	3,003
1981	..	..	..	..	..	..	2.938
1980	27.6	16.3	24.5	6.3	44.4	9.5	2,873
1979	..	..	..	..	43.6	..	2,806
1978	22.6	16.2	24.6	6.8	43.1	9.2	2,745
1977	..	..	..	..	41.8	8.9	2,673
1976	18.6	15.9	21.6	7.4	41.2	9.3	2,606
1975	..	..	..	..	35.8	9.2	2,523
1974	..	14.8	19.3	7.7	32.8	8.8	2,440
1973	..	..	..	6.9	31.1	8.9	2,354
1972	..	..	..	..	28.5	8.0	2,275
1971	..	13.9	15.9	..	..	7.5	2,208

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 26.7 Hunting and Angling Licences/Permits, Ontario, Selected Years, 1956 to 1983

Year	Game Licences	Migratory Game Bird Permits	Angling Licences
		number	
1983^r	565,396	139,569	627,508
1982^r	586,925	144,436	661,934
1981^r	580,601	141,677	673,334
1980^r	589,127	147,952	628,988
1979^r	551,515	150,224	673,925
1978^r	619,410	159,698	654,672
1977	589,929	156,895	660,839
1976	587,434	143,816	644,623
1975	594,308	148,670	661,750
1974	581,081	136,469	671,431
1973	586,924	141,277	701,595
1972	552,897	131,427	680,152
1971	551,861	133,563	652,335
1966	659,706	144,063	571,453
1961	544,457	. .	. .
1956	445,181	. .	. .

Sources: Ministry of Natural Resources, *Statistics*.
Canadian Wildlife Service.

Notes: 1. The data for angling licences are for non-residents only.
2. Residents of Ontario do not require licences to fish.

Table 26.8 Provincial Park Camping Summary, Ontario, Selected Years, 1966 to 1984

Year	Parks	Developed Campsites	Campers	Camper Nights	Average Length of Stay	July & August Occupancy	Average Party Size
	number		'000's		days	%	persons
1984	138	20,481	1,461.9	3,764.0	2.6	--	--
1983	138	20,526	1,354.0	3,726.4	2.7	--	2.8
1982	132	20,393	1,268.0	3,287.6	2.6	--	2.6
1981	131	20,757	1,321.5	3,283.3	2.5	--	2.6
1980	131	20,723	1,319.8	3,195.5	2.4	57	2.6
1979	128	20,723	1,355.8	3,259.8	2.4	56	2.6
1978	128	20,176	1,324.8	3,116.4	2.3	54	2.6
1977	126	20,035	1,371.0	3,571.6	2.6	58	2.5
1976	122	19,851	1,515.4	3,766.8	2.5	64	3.0
1975	121	20,332	1,621.9	3,979.5	2.5	66	2.7
1974	117	20,036	1,615.7	3,702.1	2.3	62	2.8
1973	115	20,209	1,600.8	3,547.2	2.2	58	2.8
1972	115	19,983	1,498.5	3,291.6	2.2	53	3.4
1971	113	18,941	1,618.9	3,788.5	2.3	62	3.9
1966	92	15,922	994.8	2,653.1	2.7	52	4.1

Source: Ministry of Natural Resources, *Ontario Provincial Parks Annual Statistical Report.*

Notes: 1. $\% \text{ occupancy} = \dfrac{\text{number of campsite nights occupancy (July \& August)}}{\text{total number of developed campsites in parks} \times 62} \times 100$

2. The data refer to parks under the Provincial Parks Act which does not apply to parks under the management of the Niagara Parks Commission, the St. Lawrence Parks Commission or the St. Clair Parkway Commission.

Table 26.9 Participation in Vacation Travel, Ontario and Other Regions of Canada, 1976 to 1983

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			percent			
1983	57	43	49	66	63	56
1982	58	52	45	60	66	55
1981	55	43	50	62	70	55
1980	62	44	45	61	68	56
1979	58	46	47	61	64	55
1978	57	44	51	59	64	55
1977	58	43	51	59	70	56
1976	60	42	48	60	66	56

Source: Canadian Government Office of Tourism, *Vacation Travel by Canadians, Volume 1, Analysis.*

Note: The figures refer to the percentage of adults taking a vacation trip.

Table 26.10 Person-Trips and Expenditure of Travellers in Ontario by Place of Residence, 1981 to 1984

Year	Ontario	Other Provinces	United States	Other Countries	Total
Person-Trips			'000's		
1984p	83,694	2,683	22,953	1,002	110,332
1983	82,247	3,136	22,425	937	108,745
1982	81,960	3,125	22,308	1,081	108,474
1981	86,440	3,241	28,248	1,220	119,149
Expenditure			$ millions		
1984p	4,563	580	1,441	552	7,136
1983	4,279	612	1,281	500	6,672
1982	4,056	580	1,131	581	6,348
1981	3,860	560	1,164	559	6,143

Sources: Statistics Canada, *Travel Between Canada and Other Countries, (66-001, 66-201).*
Tourism Canada, *Canadian Travel Survey.*
Ministry of Tourism and Recreation, *Ontario Travel Survey.*
Ontario Tourism Statistical Handbook.

Note: A person-trip is a trip taken by one person, singly or in a group.

Table 26.11 Ontario Residents Travelling in Ontario by Season and Main Purpose of Trip, 1982

	Visiting Friends/ Relatives	Recreation or Pleasure	Personal Business	Shopping	Business	Convention	Total
				percent			
Winter	23.2	17.7	24.4	26.5	25.1	25.1	. . .
Spring	23.1	21.3	23.6	19.8	29.6	29.9	. . .
Summer	26.3	44.3	25.3	21.6	21.0	15.6	. . .
Fall	27.3	16.7	26.7	32.2	24.3	29.4	. . .
				'000's			
Annual Person-Trips	29,535	28,557	9,627	6,964	5,850	1,427	81,960
% of Person-Trips	36.1	34.8	11.8	8.5	7.1	1.7	100.0

Source: Ministry of Tourism and Recreation, *Ontario Travel Survey.*

Note: For definition of person-trip, see note, Table 26.10.

Table 26.12 Travel Expenditure by Ontario Residents by Season and Type of Expenditure, Ontario, 1982

	Automobile	Local Trans-portation	Air/Bus/ Train/Ship	Accom-modation	Food/ Beverage	Recreation/ Pleasure	Retail/ Other Miscel-laneous	Total
					percent			
Winter	19.0	24.3	42.3	16.5	15.8	15.1	18.5	22.4
Spring	26.2	31.9	21.6	28.4	32.2	29.5	23.1	26.4
Summer	33.8	24.0	18.2	41.7	36.0	40.0	28.5	30.9
Fall	21.0	19.8	17.9	13.4	16.0	28.5	29.9	20.3
					$ million			
Annual Expenditure	798.6	14.0	818.6	289.3	934.5	285.1	915.7	4,055.8
% of Annual Expenditure	19.7	0.3	20.2	7.1	23.0	7.0	22.6	100.0

Source: Ministry of Tourism and Recreation, *Ontario Travel Survey.*

Note: 1. The Air/Bus/Train/Ship category refers to Canadian carriers.
2. Of the $4,055.8 million spent in Ontario by Ontarians, $859.4 million was spent on travel to destinations outside the provinces.

Table 26.13 Non-Resident Travellers Entering Ontario by Type of Transportation, 1972 to 1984

Year	United States Residents				Residents of Other Countries			
	Land	Air	Water	Total	Land	Air	Water	Total
				'000's				
1984	21,187.3	918.4	846.9	22,952.6	413.7	585.3	2.9	1,001.9
1983	20,874.4	834.4	715.8	22,424.6	370.3	566.5	0.2	937.0
1982	20,749.4	820.5	737.9	22,307.9	465.8	614.6	0.2	1,080.6
1981	26,723.6	875.5	648.7	28,247.8	546.0	673.7	0.3	1,219.9
1980	25,608.8	874.4	505.6	26,988.8	604.6	658.7	0.5	1,263.8
1979	19,334.3	879.7	665.1	20,879.1	550.8	609.9	0.4	1,161.1
1978	19,122.3	767.0	743.1	20,632.5	431.7	511.2	--	942.9
1977	19,313.7	729.5	655.8	20,699.1	326.4	474.5	--	801.0
1976	19,403.9	694.6	656.2	20,754.7	390.5	494.8	--	885.3
1975	20,979.5	708.7	687.4	22,375.5	297.0	435.4	--	732.4
1974	21,214.2	778.0	793.4	22,785.7	259.8	415.0	--	674.8
1973	21,840.0	691.6	766.5	22,298.1	287.9	368.4	--	656.3
1972	21,153.0	550.6	728.9	22,432.6	251.8	251.5	--	503.3

Source: Statistics Canada, *Travel Between Canada and Other Countries*, (66-001).

Notes: 1. Residents of other countries entering Ontario by land enter via the United States.
2. The land category includes automobile, bus, rail and other methods such as pedestrian, motorcycles and bicycles.

Table 26.14 Resident Travellers Returning to Ontario from Other Countries by Type of Transportation, 1972 to 1984

Year	Returning from United States				Returning from Other Countries			
	Land	Air	Water	Total	Land	Air	Water	Total
	'000's							
1984	14,685.9	1,405.6	207.8	16,299.3	4.1	1,019.7	—	1,023.9
1983	14,958.4	1,301.5	227.0	16,487.0	2.5	911.0	—	913.5
1982	13,247.7	1,304.1	225.5	14,777.2	2.2	784.2	0.2	786.5
1981	13,260.4	1,411.4	218.4	14,890.1	9.5	749.9	0.1	759.5
1980	13,538.4	1,436.2	214.4	15,189.0	10.4	814.4	—	824.8
1979	13,248.3	1,382.4	240.3	14,871.1	15.1	899.7	—	914.8
1978	14,130.9	1,225.0	237.0	15,592.9	16.0	901.4	—	917.4
1977	14,036.7	1,094.3	250.6	15,381.7	19.9	885.2	—	905.1
1976	13,546.7	957.6	201.7	14,705.9	16.2	806.7	—	822.9
1975	12,445.4	825.8	204.4	13,475.6	16.0	746.9	—	763.0
1974	11,365.6	785.2	180.3	12,331.1	19.3	674.4	—	693.7
1973	11,727.4	682.8	171.5	12,581.7	17.6	635.4	—	653.0
1972	11,866.4	550.8	136.0	12,553.2	18.7	499.1	—	517.7

Source: Statistics Canada, *Travel Between Canada and Other Countries, (66-001).*

Notes: 1. Residents returning from other countries by land, return via the United States.
2. See Table 26.13, note 2.

Table 26.15 Motion Picture Theatres and Drive-ins: Admissions and Receipts, Ontario, 1972 to 1983

Year	Motion Picture Theatres			Drive-ins		
	Number	Paid Admissions	Admission Receipts	Number	Paid Admissions	Admission Receipts
		'000's	$ '000's		'000's	$ '000's
1983^p	284	31,599	142,157	81	3,037	17,267
1982	295	35,668	125,542	85	3,900	15,136
1981	301	33,595	108,884	88	4,224	15,474
1980	279	35,207	107,768	87	4,744	16,139
1979	279	34,389	95,252	90	4,677	14,895
1978	278	30,871	83,232	92	4,474	13,444
1977	274	28,194	72,872	92	4,552	12,879
1976	283	29,964	70,882	101	5,075	12,868
1975	294	31,405	69,522	98	4,805	11,682
1974	285	29,127	56,135	100	4,326	9,291
1973	292	27,668	48,493	103	4,465	8,502
1972	283	28,830	46,047	103	4,772	8,170

Source: Statistics Canada, *Motion Picture Theatres and Film Distributors, (63-207).*

Note: Admission Receipts excludes taxes.

Table 26.16 Performing Arts: Performances and Attendance, Ontario Compared to Canada, 1976 to 1982

Year	Organizations		Performances		Attendance		
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Average Attendance
	#		'000's		'000's		#
Live Theatre							
1982^p	44	29.7	7.7	32.0	2,285.7	36.3	296
1981^r	44	33.1	7.7	33.7	2,295.5	37.8	297
1980^r	42	32.3	8.0	34.4	2,425.8	40.9	303
1979	43	37.7	7.8	38.0	2,242.4	43.1	289
1978	32	34.8	5.0	31.0	1,551.1	35.8	310
1977	32	41.0	3.5	27.9	1,408.1	35.1	397
1976	18	40.0	3.5	29.9	1,491.4	41.6	425
Music							
1982^p	23	45.1	1.0	47.6	896.2	44.1	857
1981^r	23	47.9	0.9	47.0	862.6	42.3	969
1980^r	22	48.9	0.8	46.5	765.2	37.8	1,008
1979	22	47.8	0.9	45.1	743.4	35.0	840
1978	18	52.9	1.2	63.0	755.3	49.1	620
1977	17	45.9	1.2	51.4	802.5	38.5	689
1976	. .	. . .	. .	. . .	. .	. . .	. .
Dance							
1982^p	7	33.3	0.6	42.9	473.1	49.2	785
1981^r	7	30.4	0.5	32.0	418.7	34.8	798
1980^r	7	30.4	0.6	32.3	448.4	38.1	806
1979	5	25.0	0.5	30.3	318.2	36.1	631
1978	8	38.1	0.8	47.4	548.9	51.5	658
1977	9	40.9	0.6	32.4	410.2	45.1	680
1976	. .	. . .	. .	. . .	. .	. . .	. .

Sources: Statistics Canada, *Culture Statistics: Performing Arts*, (87-610, 87-524).
Culture Communiqué, (87-001).

Notes: 1. Live Theatre excludes opera.
2. A provincial breakdown of operas is not available. The 1981 Canadian data indicate 6 organizations holding 552 performances, attended by 379,931 people.

Table 26.17 Museums: Attendance and Source of Income, Ontario and Other Regions of Canada, 1979

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada	Ontario % of Canada
				number			
Museums	229	111	75	171	77	668	34.3
				'000's			
Average Annual Attendance	54.5	46.5	65.5	42.2	52.2	50.7	. . .
Source of Income				$ millions			
Government							
Federal	49.0	8.6	1.9	3.5	3.3	66.5	73.7
Provincial	31.0	7.2	8.8	10.7	7.4	66.0	47.0
Local	10.5	.2	7.5	5.8	2.0	26.0	40.4
Other	1.2	.8	1.0	.6	1.0	4.6	26.1
Other	19.8	2.3	5.5	5.1	3.3	36.1	54.8
Total	111.6	19.0	24.7	25.7	16.9	199.1	56.1

Source: Statistics Canada, *Culture Statistics*, (87-001).

Notes: 1. Canadian figures include the Yukon and Northwest Territories.
2. The total number of museums responding to the survey was actually 1,035 (Ontario–354, Atlantic–161, Quebec–138, Prairies–265 and British Columbia–105). The figure 668 shown in the table refers to the institutions responding to the attendance question. The source of income data apply to the 932 institutions reporting a budget in 1979.

Table 26.18 Public Libraries, Ontario, 1971 to 1983

Year	Population Served	Libraries	Mobile Stations	Circulation	Book Stock	Professional Staff
	%	#	#	'000's	'000's	#
1983	99.6	1,710	36	64,961.0	23,821.8	1,066
1982	99.5	1,633	36	62,588.9	23,720.1	1,066
1981	99.5	960	38	59,408.4	24,304.8	1,050
1980	99.4	910	36	56,917.4	23,291.1	1,028
1979	99.3	908	42	56,682.8	22,571.8	1,023
1978	99.2	896	46	54,375.2	21,280.9	987
1977	98.9	887	47	53,148.6	20,368.3	1,023
1976	98.7	886	38	53,248.8	18,570.6	983
1975	98.1	885	45	53,128.1	17,644.7	995
1974	97.6	779	59	49,641.8	16,433.9	917
1973	96.0	779	36	48,863.6	15,412.5	879
1972	94.5	815	38	47,696.6	14,565.2	827
1971	92.7	557	39	50,062.2	13,313.4	761

Sources: Ministry of Citizenship and Culture, *Public Library Statistics.*
Ontario Library Review.

Notes: 1. From 1982 on, the number of libraries refers to the number of service points at which library services are available. In previous years the definition encompassed main libraries and branches. Now included are deposit stations and bookmobile stops. Mobile stations are the actual vehicles.

2. Professional staff are those individuals who possess professional qualifications in librarianship and who are employed in positions which require training and skill in theoretical or scientific parts of the library's work.

GOVERNMENT

Chapter 27
Public Finance

Public Finance

This chapter presents an overall picture of the finances of the public sector in Ontario. This includes:

- the federal, Provincial and local levels of government, with their associated boards and commissions;
- government enterprises and corporations, including enterprises where government owns 50% or more in rights or shares, and where the primary role is to provide goods and services to the public;
- public institutions such as hospitals, colleges and universities.

Statistics in this chapter cover expenditure by purpose, revenue by source and debt financing, while public sector employment is presented in Chapter 28, Public Sector Employment. This chapter concentrates on the Province of Ontario and its local governments, since many of the federal financial statistics are only available at the Canada level.

The responsibilities of the federal and provincial governments are set out under The Constitution Act. The federal government is responsible for defence, foreign affairs, monetary policy and matters not exclusively assigned to provinces. The provincial governments have responsibility for all matters of a local or private nature such as health, education, property and civil rights, etc. Local governments are creations of the provinces and do not enter into this constitutional division of authority.

There are three basic forms of local government in Ontario: municipalities, school boards and local boards such as public utility commissions, transit commissions, etc. Local governments derive their authority from the Province and can do what the Province has empowered them to do. The Province, in turn, can delegate only those powers which it has under The Constitution Act. The main Provincial statutes governing the activities of local governments are the Municipal Act, the various acts setting up regional governments and Metropolitan Toronto, the Ontario Municipal Board Act, the Education Act and the Public Utilities Act.

At the end of 1985, there were 838 municipalities, 173 operating school boards and about 2,000 local boards in Ontario.

The Constitution Act sets out the taxing authority of the federal and provincial governments. Provinces are generally restricted to direct taxation, while there is no limitation on the federal taxing power. The federal government has come to provide financial assistance to provinces from its much greater financial resources because of increases in public demand for services provided by the provinces. Federal cash transfers under various agreements and programs provide about 15 to 20% of Ontario's revenue, the most significant program being the Federal-Provincial Fiscal Arrangements and Federal Post-Secondary Education and Health Contributions Act 1977, through which aid is provided for health and post-secondary education.

The main source of Provincial revenue is direct taxation on personal and corporate income, and/or consumption of goods and services. The government also raises revenue from licence fees, permits, fines and investments.

The Provincial Government does not directly provide all of the services for which it is responsible. In general, services provided directly by the Province are concentrated on resources development such as the development of industry and trade, energy, human resources, agriculture, tourism and natural environment. Many social services are provided indirectly through institutions such as hospitals, universities and community colleges, which are funded largely through transfers from the Province. Other services, such as elementary and secondary education and police protection, are funded through transfers to local governments and local taxation. About half of total Provincial expenditures are transfers to local governments and institutions.

The only form of taxation available to local governments in Ontario is property taxation, although municipalities also raise considerable revenue through licence fees, permits, fines and user fees. From these revenues and Provincial grants, municipalities and local boards provide such services as fire and police protection, social services, garbage collection and disposal, roads, and water and sewer services. School boards provide elementary and secondary education. In total, local government spending equals more than half of the total expenditure of the Provincial Government. Since a large portion of the funds spent by local government is provided by the Province, the consolidated Provincial-local government finance figures require adjustments to avoid double counting of transfers.

Debt may be incurred by all three levels of government. Local governments may incur debt only for the financing of capital projects. There are three types of public sector debt:

- funded debt, which is basically created by the issuance of bonds, notes or debentures;
- unfunded debt, which is an actuarially determined amount used to represent the Government's future obligations under pension agreements, etc;
- contingent debt, where the Government has served as guarantor of a debt and will only be responsible for repayment if the original borrower defaults.

Because governments borrow from one another, a true picture of total government debt also involves adjustments to avoid double counting in respect of intergovernmental debts.

All three levels of government, in discharging their responsibilities, have become involved in the market economy through crown corporations and enterprises. Although there are many different degrees of government involvement in these enterprises, some examples might help to clarify the type of enterprise referred to in this chapter. At the federal level, the Canada Post Corporation, the Canadian Broadcasting Corporation and Canadair Limited are government enterprises. The Province of Ontario list includes Ontario Hydro, the Ontario Energy Corporation and the Ontario Northland Transportation Commission. Municipal enterprises include municipal hydro, and gas and telephone utilities.

Sources of Data

Most of the Provincial Government data presented in this chapter are obtained from the *Ontario Public Accounts* and *Ontario Budget*.

The Public Accounts differentiates government expenditure and revenue between budgetary and non-budgetary, while the Ontario Budget has avoided the distinction since 1982. In addition, the Public Accounts treats reciprocal taxation as a federal transfer payment, while the Budget considers it as taxation revenue. In order to maintain consistency throughout the period, data obtained from the Budget are adjusted. It should also be noted that since there were tax policy changes, Ministry reorganizations, and changes in federal-provincial fiscal arrangements during the period for which data are presented, year-to-year comparisons of revenue and expenditure should be conducted with care.

Data on Provincial-local government consolidated revenues and expenditures are obtained from the Statistics Canada publication *Consolidated Government Finance, (68-202)*. Much of the information on local governments is derived from *Local Government Finance in Ontario*, published by the Ministry of Municipal Affairs, and from *Education Statistics*, published by the Ministry of Education. These ministries compiled the data they published from Financial Information Returns which municipalities and school boards are required to file. Data on Ontario's debt are mainly from *Ontario Public Accounts* and developed from administrative files in the Ministry of Treasury and Economics.

The federal government data are mainly obtained from the *Public Accounts of Canada* and the Statistics Canada publication *Federal Government Enterprise Finance, (61-203)*. Data on Ontario Government enterprises are derived from *Provincial Government Finance, (68-205)*.

Further information on public sector finance other than that provided in this chapter is available from Ontario and federal budgets, Statistics Canada publications on government finance and from publications of the Canadian Tax Foundation.

Public Finance

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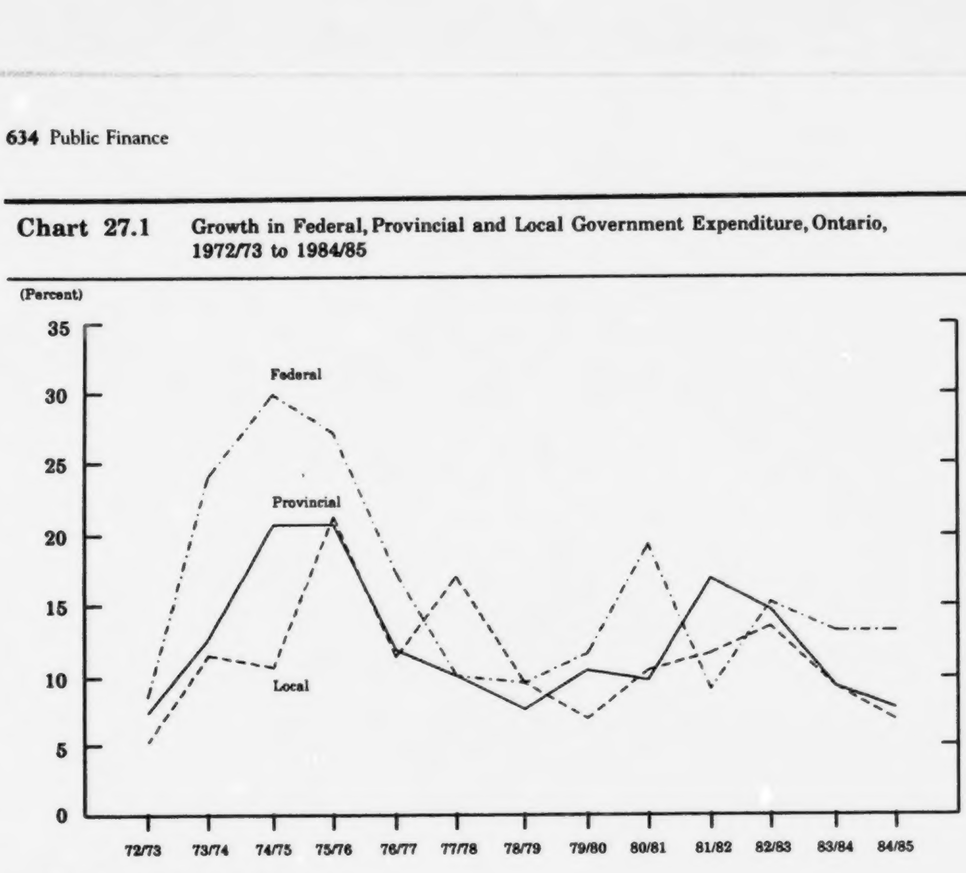
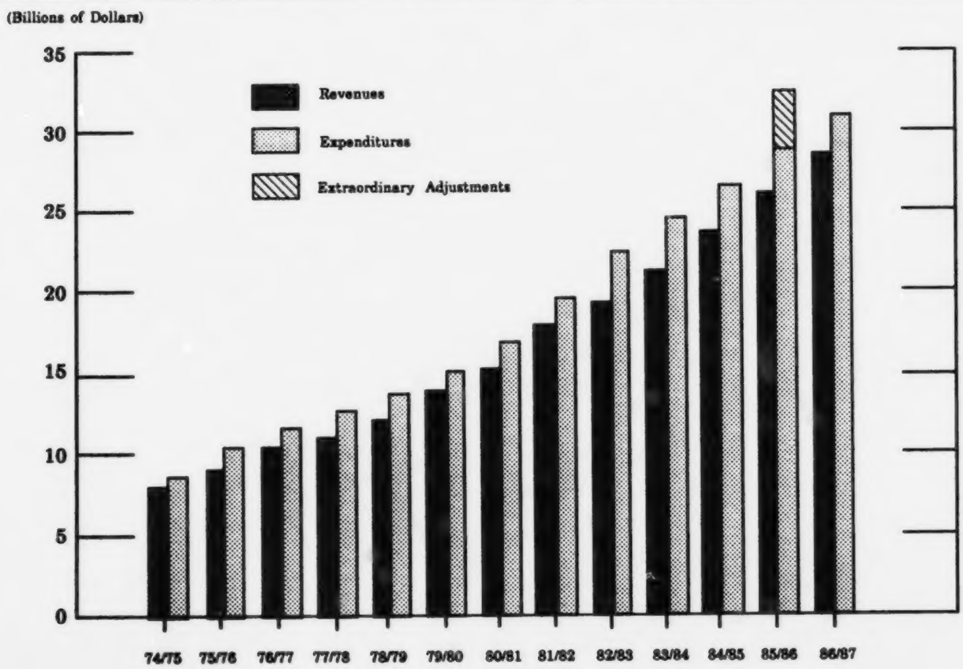
Chart 27.1 Growth in Federal, Provincial and Local Government Expenditure, Ontario, 1972/73 to 1984/85



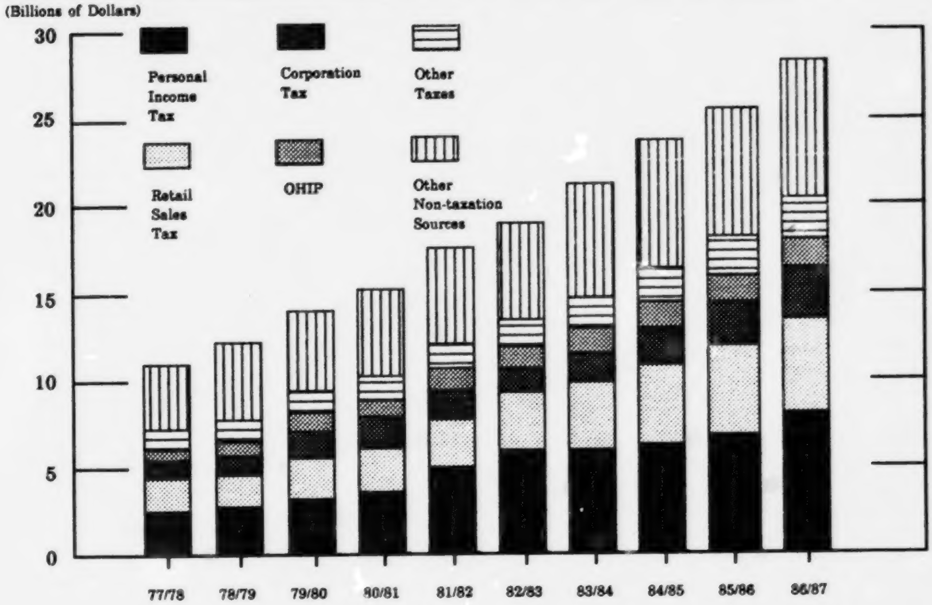
Refer to Tables 27.4, 27.15 and 27.21

Chart 27.2 Provincial Government Revenues and Expenditures, Ontario, 1974/75 to 1986/87



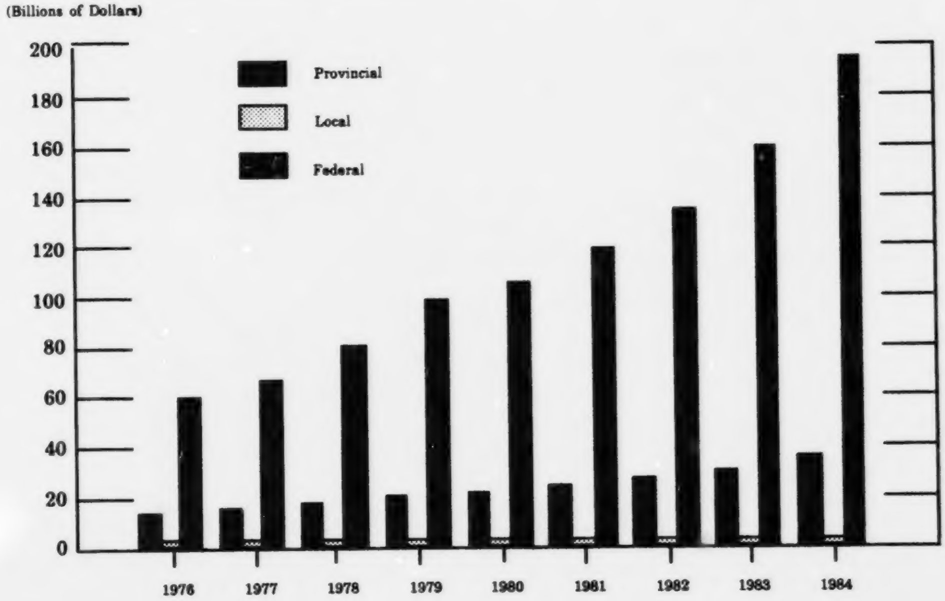
Refer to Table 27.4

Chart 27.3 Provincial Revenue by Sources, Ontario, 1977/78 to 1986/87



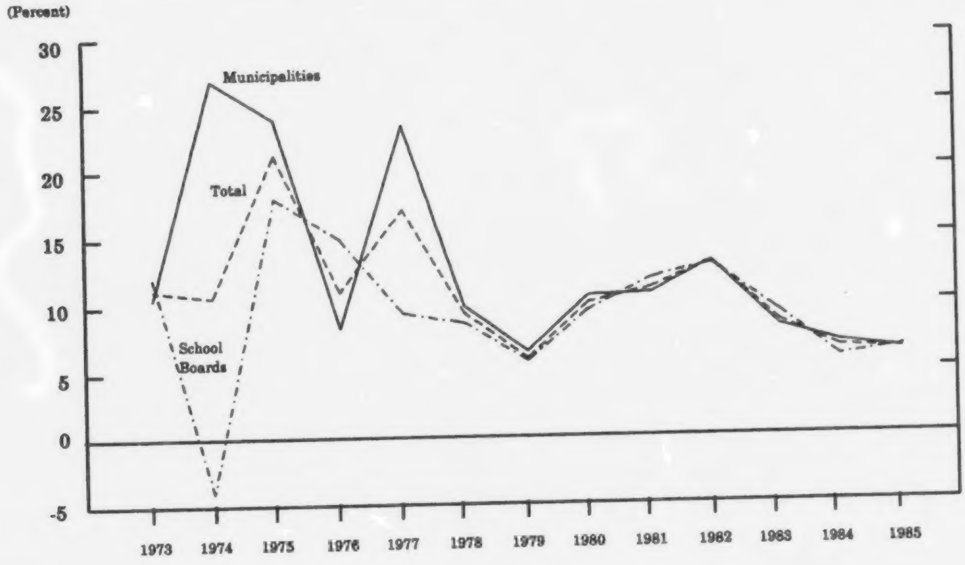
Refer to Tables 27.5 and 27.6

Chart 27.4 Federal, Provincial and Local Government Debt Outstanding, Ontario, 1976 to 1984



Refer to Tables 27.13, 27.20 and 27.22

Chart 27.5 Growth in Local Government Expenditure, Ontario, 1973 to 1985



Refer to Table 27.15

Table 27.1 Consolidated Provincial and Local Government Revenue, Ontario, 1965/66 to 1981/82

Year	Taxation								
	Personal Income	Corporation & Business	Real Property	Consumption		Health Insurance Premiums	Workers' Compensation	Miscellaneous	Total
				General Sales	Other				
	$ millions								
1981/82	5,182.5	2,102.2	4,010.0	2,882.8	1,329.6	1,147.2	657.9	424.1	17,736.3
1980/81	4,038.0	2,034.5	3,555.9	2,590.8	1,085.0	1,032.2	569.3	404.5	15,310.2
1979/80	3,652.5	1,819.8	3,249.6	2,436.5	1,059.7	1,008.7	613.4	413.1	14,253.3
1978/79	3,514.7	1,471.2	2,892.9	1,735.2	935.3	977.2	570.3	447.4	12,544.2
1977/78	2,874.3	1,196.2	2,866.5	1,945.2	857.3	829.9	552.2	298.1	11,419.7
1976/77	2,200.2	1,343.5	2,472.0	1,787.3	785.7	798.7	481.2	137.5	10,006.1
1975/76	1,962.5	1,431.7	2,026.2	1,334.2	720.1	572.5	354.8	135.3	8,537.3
1974/75	1,750.8	1,129.5	1,770.2	1,568.8	707.1	548.1	283.0	141.1	7,898.6
1973/74	1,417.5	858.6	1,580.3	1,314.8	676.2	530.1	207.3	147.0	6,731.8
1972/73	1,204.8	736.2	1,553.3	895.3	606.9	519.9	169.6	113.8	5,799.7
1971/72	1,022.1	628.9	1,463.7	768.8	540.7	587.0	140.8	96.7	5,248.7
1970/71	991.8	599.3	1,389.3	683.1	509.7	615.5	135.8	98.4	5,022.9
1969/70	762.1	477.2	1,239.3	645.3	489.9	475.6	–	292.5	4,381.9
1968/69	620.5	333.0	1,106.6	493.1	520.2	257.0	–	202.9	3,533.3
1967/68	551.0	302.3	993.2	442.4	411.6	182.8	–	178.2	3,061.5
1966/67	393.8	274.5	872.9	391.6	387.3	157.3	–	122.5	2,599.9
1965/66	292.4	233.7	879.4	226.2	332.1	–	–	183.3	2,147.1

Table 27.1 (cont'd.)

Year	Non-taxation						Transfers		Total
	Natural Resource Revenue	Privileges, Licences & Permits	Sales of Goods & Services	Return on Investments	Other	Total	Federal	Government Enterprises	
	$ millions								
1981/82	160.8	613.4	1,582.4	2,296.7	539.1	5,192.5	3,392.9	135.0	26,456.6
1980/81	272.9	558.6	1,360.1	1,886.4	412.5	4,490.5	3,162.3	137.2	23,100.1
1979/80	204.1	547.6	1,174.0	1,646.9	377.6	3,950.2	2,822.2	114.8	21,140.6
1978/79	130.2	528.2	1,164.6	1,353.0	269.4	3,445.4	2,519.6	95.3	18,604.8
1977/78	98.3	466.5	885.0	1,241.7	255.4	2.946.9	2,341.0	82.1	16,789.8
1976/77	110.6	435.3	635.3	1,142.4	214.6	2,538.2	2,774.6	66.4	15,385.1
1975/76	127.2	406.1	543.1	961.6	211.5	2,249.5	2,213.3	56.2	13,056.1
1974/75	210.6	349.2	467.8	809.4	166.9	2,003.9	1,587.9	39.5	11,529.9
1973/74	96.6	330.3	440.7	634.6	154.0	1,656.2	1,271.3	23.0	9,682.3
1972/73	63.0	304.8	381.4	540.9	130.6	1,420.7	1,283.4	24.5	8,528.4
1971/72	55.4	254.4	272.4	509.9	127.2	1,219.3	1,155.0	21.4	7,644.5
1970/71	74.0	233.0	255.9	439.3	108.5	1,110.7	1,005.0	16.5	7,155.2
1969/70	69.3	236.0	212.3	339.6	95.1	952.3	789.7	17.7	6.141.6
1968/69	54.1	220.8	164.3	292.8	107.4	839.5	665.5	8.4	5,046.7
1967/68	49.3	169.3	152.5	208.9	97.6	677.6	551.3	13.4	4,303.8
1966/67	41.5	161.8	51.3	193.6	47.4	495.6	435.1	11.1	3,541.8
1965/66	45.7	152.0	22.5	152.4	15.7	388.3	39.9	10.6	2,586.0

Source: Statistics Canada, *Consolidated Government Finance*, (68-202).

Notes:
1. Data are for year ending March 31.
2. Other Consumption Taxation includes motive fuel taxes, tobacco taxes, etc.
3. Miscellaneous Taxation excludes taxes on insurance premiums.
4. Other Non-taxation includes contributions to government operated pension plans, fines, penalties, etc.
5. Transfers from Government Enterprises includes enterprises of all 3 levels of government and payments in lieu of taxes.

Table 27.2 Consolidated Provincial and Local Government Expenditure, Ontario, 1965/66 to 1981/82

Year	General Services	Protection of Persons & Property	Transportation & Communication	Health	Social Services	Education
				$ millions		
1981/82	1,370.1	1,687.6	2,095.5	6,052.0	3,261.4	6,600.5
1980/81	1,154.4	1,464.5	1,836.6	5,094.4	3,123.9	5,886.8
1979/80	1,172.2	1,305.6	1,678.3	4,430.1	2,595.9	5,400.4
1978/79	1,028.7	1,186.7	1,567.4	4,132.4	2,392.1	5,081.8
1977/78	1,068.0	1,118.5	1,381.1	3,778.8	2,207.0	4,681.0
1976/77	932.7	1,073.1	1,172.2	3,482.9	2,114.2	4,236.3
1975/76	797.0	917.3	1,185.1	3,194.1	1,808.1	3,687.1
1974/75	916.9	754.0	1,112.9	2,783.3	1,419.4	3,095.4
1973/74	492.9	625.5	1,026.6	2,253.5	1,013.2	2,773.7
1972/73	406.0	556.3	901.0	2,100.5	723.1	2,684.1
1971/72	401.7	502.1	833.7	1,838.7	598.2	2,529.9
1970/71	345.3	457.7	790.0	1,616.5	513.5	2,373.0
1969/70	222.1	385.5	703.7	1,215.6	293.8	2,228.9
1968/69	237.6	351.8	660.8	943.0	285.0	1,891.5
1967/68	196.5	304.9	568.7	799.3	234.6	1,651.8
1966/67	179.7	256.6	651.4	622.5	190.4	1,271.2
1965/66	159.3	230.2	562.0	348.2	121.5	961.6

Table 27.2 (cont'd.)

Year	Resource Conservation & Industrial Development	Environment	Recreation & Culture	Regional Planning & Development	Debt Charges	Other	Total
				$ millions			
1981/82	799.3	1,009.2	917.3	261.8	2,476.3	476.4	27,007.4
1980/81	703.9	943.3	839.3	264.2	2,259.4	406.5	23,977.5
1979/80	691.1	918.5	779.8	233.9	2,017.2	369.3	21,592.3
1978/79	465.5	895.6	754.4	402.4	1,794.2	482.7	20,183.9
1977/78	464.0	833.9	710.8	166.9	1,536.6	545.3	18,491.9
1976/77	425.5	778.0	596.5	62.8	1,355.2	462.6	16,692.0
1975/76	360.5	742.4	528.9	89.4	1,156.3	508.2	14,974.4
1974/75	284.3	604.3	427.3	59.0	955.3	260.7	12,672.8
1973/74	238.4	471.0	340.8	41.7	834.4	221.4	10,333.1
1972/73	232.2	392.9	264.8	43.5	677.2	216.2	9,197.8
1971/72	186.3	269.3	235.3	42.0	590.1	380.2	8,407.5
1970/71	156.4	213.6	210.8	34.4	493.0	281.1	7,485.3
1969/70	131.8	196.7	154.6	19.4	414.4	274.3	6,240.8
1968/69	130.6	198.0	129.6	8.5	245.3	85.0	5,166.7
1967/68	107.7	191.4	115.5	9.6	266.6	34.0	4,480.6
1966/67	98.3	132.8	90.3	10.5	174.2	125.1	3,803.0
1965/66	59.7	112.1	69.0	–	164.5	69.8	2,857.9

Source: Statistics Canada, *Consolidated Government Finance*, (68-202).

Notes: 1. See Table 27.1, note 1.
2. Debt Charges includes principal repayments at the local level but at the Provincial level are interest payments only.
3. Social Services includes Workers' Compensation.
4. Other includes labour, employment, immigration, housing, research establishments and transfers to own enterprises.

Table 27.3 Consolidated Funded Debt of the Ontario Public Sector, Outstanding at March 31, 1976 to 1985

Year	Direct	Contingent	Provincial Agencies	Local Governments & Agencies	Colleges & Universities	Hospitals & Associated Operations	Total
				$ millions			
1985	32,799	13,430	1,713	3,425	103	50	51,520
1984	29,990	12,044	1,758	3,354	107	54	47,307
1983[r]	26,701	10,537	1,799	3,454	103	59	42,653
1982[r]	24,165	8,773	1,835	3,294	106	59	38,232
1981[r]	21,094	8,446	1,517	3,356	94	50	34,557
1980[r]	19,702	7,813	1,599	3,169	92	55	32,430
1979[r]	18,179	6,996	1,582	3,194	94	61	30,106
1978[r]	15,649	6,459	1,458	3,211	87	68	26,932
1977[r]	13,546	6,190	1,136	2,922	83	59	23,936
1976[r]	12,023	5,159	. .	. .	. .	. .	17,182

Source: Ministry of Treasury and Economics.

Notes: 1. 1985 figures are estimates.
2. Contingent liabilities under consolidated funded debt exclude Ontario Hydro pre-maturity bond retirements.

Table 27.4 Provincial Government Revenues, Expenditures and Net Cash Requirements, Ontario, 1965/66 to 1986/87

	Budgetary			Non-budgetary			
Year	Revenue	Expenditure	Deficit (−) or Surplus	Receipts & Credits	Disbursements & Charges	Deficit (−) or Surplus	Net Cash Requirements
				$ millions			
1986/87	28,454.0	31,031.0	−2,577.0	1,494.0	461.0	1,033.0	1,544.0
1985/86	26,228.0	32,562.0	−6,334.0	4,626.0	426.0	4,200.0	2,134.0
1984/85[r]	23,765.3	26,430.9	−2,665.6	1,430.4	465.8	964.5	1,701.1
1983/84[r]	21,313.2	24,553.2	−3,239.9	1,321.3	370.6	950.7	2,289.2
1982/83	19,322.3	22,509.2	−3,186.9	1,111.3	402.8	708.5	2,478.4
1981/82	17,883.8	19,650.8	−1,767.0	1,001.4	737.6	263.8	1,503.2
1980/81	15,548.7	16,835.8	−1,287.2	921.3	436.7	484.6	802.5
1979/80	14,213.9	15,345.9	−1,132.0	1,031.8	483.9	547.9	584.1
1978/79	12,321.5	13,912.5	−1,591.0	911.4	500.7	410.6	1,180.3
1977/78	11,098.9	12,920.2	−1,821.3	683.4	623.9	59.5	1,761.8
1976/77	10,514.3	11,743.0	−1,228.7	633.7	723.8	−90.1	1,318.9
1975/76	9,009.9	10,489.8	−1,479.9	510.5	829.4	−318.9	1,798.8
1974/75	8,177.4	8,724.0	−546.6	677.4	1,107.9	−430.5	977.1
1973/74	6,843.4	7,223.0	−379.5	333.2	662.0	−328.8	708.2
1972/73	6,045.7	6,411.5	−365.8	248.4	626.4	−378.0	743.8
1971/72	5,340.0	5,964.6	−624.6	275.0	670.9	−395.9	1,020.5
1970/71	5,023.5	5,159.5	−136.0	201.8	635.4	−433.6	569.6
1969/70	4,359.6	4,210.1	149.5	184.5	581.4	−396.9	247.4
1968/69	3,501.8	3,594.8	−93.0	136.4	511.4	−375.0	468.0
1967/68	2,866.0	2,984.8	−118.8	127.9	476.1	−348.2	467.0
1966/67	2,413.0	2,403.2	9.8	104.9	417.3	−312.4	302.6
1965/66	1,944.1	1,947.9	−3.8	85.1	241.6	−156.5	160.3

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1986.

Notes: 1. See Table 27.1, note 1.
2. Budgetary Expenditure includes 128.1 and 82.0 million dollars for the Economic Development Fund in 1979/80 and 1980/81 fiscal years respectively.
3. Excludes Ontario Municipal Employees Retirement Fund interim deposits and Ontario Hydro Transactions.
4. 1985/86 figures are interim and 1986/87 figures are estimates.
5. In 1985/86, Budgetary Expenditure includes Extraordinary adjustments of $3,672 million and Non-budgetary Receipts and Credits includes Extraordinary Adjustments of $3,167 million.

Table 27.5 Provincial Government Budgetary Revenue from Taxation, Ontario, 1965/66 to 1986/87

Year	Personal Income	Retail Sales	Corp-oration	Motor Vehicle Fuel & Gasoline	Tobacco	Other	Total
				$ millions			
1986/87	7,948.0	5,451.0	3,025.0	1,282.0	590.0	450.0	18,746.0
1985/86	7,249.0	5,025.0	2,575.0	1,219.0	603.0	392.0	17,063.0
1984/85^{r}	6,252.9	4,426.0	2,247.9	1,186.6	582.9	327.3	15,023.5
1983/84^{r}	5,994.2	3,876.0	1,582.8	1,144.5	541.6	223.7	13,362.8
1982/83	5,857.6	3,420.1	1,360.6	1,031.9	447.6	193.8	12,311.6
1981/82	4,927.7	2,852.9	1,769.3	930.8	344.8	262.7	11,088.2
1980/81	3,578.2	2,562.3	1,791.9	750.3	283.6	430.9	9,397.2
1979/80	3,183.5	2,414.1	1,615.6	737.9	273.5	297.0	8,521.6
1978/79	2,735.2	1,716.9	1,278.2	633.1	258.5	284.1	6,906.2
1977/78	2,446.7	1,926.5	1,013.5	607.9	206.0	429.4	6,630.4
1976/77	1,782.2	1,775.1	1,001.7	686.1	157.3	603.6	6,006.0
1975/76	1,571.2	1,327.6	1,140.0	578.0	104.1	484.3	5,205.2
1974/75	1,445.5	1,568.8	891.9	571.7	101.5	373.9	4,953.3
1973/74	1,235.8	1,314.8	636.6	547.2	100.3	232.3	4,067.0
1972/73	1,204.9	895.3	526.8	486.7	96.1	203.9	3,413.7
1971/72	1,022.1	758.7	432.9	435.9	79.5	172.0	2,901.1
1970/71	991.8	674.2	414.1	409.1	75.3	189.3	2,753.8
1969/70	762.1	638.1	477.2	391.8	71.7	181.6	2,522.5
1968/69	620.5	496.0	332.9	363.6	54.2	160.2	2,027.4
1967/68	551.0	445.0	302.3	304.7	19.0	135.0	1,757.0
1966/67	393.8	393.7	274.5	284.6	18.6	121.7	1,486.9
1965/66	292.4	227.8	252.3	251.5	2.0	119.3	1,145.3

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1986.

Notes:
1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. Personal Income taxes are collected for the Province by the federal government; amounts shown are net of Ontario Tax Credits, and fees charged for their administration.
4. Retail Sales taxes include hospital taxes prior to 1969 when they were integrated.
5. Other includes mining profit tax, land transfer tax, race tracks tax, etc., but excludes reciprocal taxation from federal government which is considered as a transfer in *Public Accounts, Ontario.*
6. The revenues shown are those raised under the authority of each of the tax Acts. Some items are taxed under more than one Act, e.g. tobacco products are taxed under the Tobacco Tax Act and the Retail Sales Tax Act.

Table 27.6 Provincial Government Budgetary Revenue from Non-Taxation Sources, Ontario, 1965/66 to 1986/87

Year	OHIP Premiums	LCBO Profits & LLBO Fees	Vehicle/ Driver Licence & Permit Fees	Other Fees, Licences, Profits, Fines, etc.	Interest on Investments	Federal Transfers	Total
				$ millions			
1986/87	1,653.0	1,013.0	487.0	1,237.0	273.0	5,045.0	9,708.0
1985/86	1,622.0	913.0	401.0	1,096.0	451.0	4,682.0	9,165.0
1984/85[r]	1,607.7	854.7	381.9	943.0	505.1	4,577.3	8,869.8
1983/84[r]	1,500.5	756.2	337.1	742.2	453.8	4,160.6	7,950.4
1982/83	1,382.5	743.0	327.5	664.9	548.1	3,344.7	7,010.7
1981/82	1,198.1	671.9	338.2	656.9	622.5	3,308.0	6,795.6
1980/81	1,078.5	558.6	342.4	607.0	539.9	3,025.1	6,151.5
1979/80	1,049.5	522.8	337.7	534.8	490.0	2,757.5	5,692.3
1978/79	989.0	468.5	329.8	412.7	427.4	2,787.9	5,415.3
1977/78	841.8	420.4	295.3	410.2	438.5	2,062.3	4,468.5
1976/77	811.0	386.5	248.9	381.1	445.0	2,235.8	4,508.3
1975/76	581.9	336.5	248.4	317.7	390.6	1,929.6	3,804.7
1974/75	555.8	301.7	211.0	281.2	357.5	1,516.9	3,224.1
1973/74	537.6	280.5	195.2	205.3	291.1	1,266.7	2,776.4
1972/73	527.3	253.7	190.3	189.8	224.7	1,246.2	2,632.0
1971/72	586.5	219.7	159.6	145.3	228.6	1,099.2	2,438.9
1970/71	626.5	193.2	151.4	140.1	192.3	966.2	2,269.7
1969/70	486.8	178.7	144.8	136.6	147.7	742.5	1,837.1
1968/69	320.2	192.6	132.5	126.3	95.3	607.5	1,474.4
1967/68	185.3	149.1	104.3	95.0	68.0	507.3	1,109.0
1966/67	173.7	133.7	98.0	84.5	45.3	390.9	926.1
1965/66	158.4	125.2	94.4	78.3	25.9	316.7	798.8

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1986.

Notes: 1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. OHIP Premiums includes maintenance payments by individuals to Homes for Special Care and Psychiatric Hospitals.
4. Other Fees, Licences, Profits, Fines, etc. includes profits from the Ontario Lottery Corporation, timber and water power royalties, etc.

Table 27.7 Provincial Government Revenue from Federal Transfers by Program, Ontario, 1964/65 to 1986/87

Year	Established Programs Financing	Canada Assistance Plan	National Training	Bilingualism Development	Regional & Economic Expansion	Other	Total
				$ millions			
1986/87	2,981.0	1,090.0	171.0	60.0	14.0	729.0	5,045.0
1985/86	2,752.0	1,045.0	171.0	49.0	10.0	655.0	4,682.0
1984/85^{r}	2,771.9	937.8	167.6	77.3	13.9	608.9	4,577.3
1983/84^{r}	2,548.4	862.3	156.6	44.2	16.4	532.7	4,160.6
1982/83^{r}	1,893.5	773.8	152.0	36.4	20.0	469.0	3,344.7
1981/82	2,043.9	630.2	124.1	39.8	18.1	451.9	3,308.0
1980/81	1,934.2	547.8	114.3	35.1	9.0	384.7	3,025.1
1979/80	1,817.4	472.5	93.0	5.1	6.5	363.0	2,757.5
1978/79	1,605.0	410.1	104.6	51.0	5.8	611.4	2,787.9
1977/78	1,232.6	415.7	76.1	32.3	13.1	292.5	2,062.3
1976/77	1,576.9	471.7	79.7	38.2	7.8	61.5	2,235.8
1975/76	1,303.8	443.9	71.4	30.3	13.9	66.3	1,929.6
1974/75	1,069.7	300.0	60.3	27.5	5.9	53.5	1,516.9
1973/74	930.2	207.3	66.8	21.2	...	41.2	1,266.7
1972/73	892.2	210.5	65.9	18.3	...	59.3	1,246.2
1971/72	782.5	211.2	42.9	16.7	...	45.9	1,099.2
1970/71	682.0	175.5	43.7	11.5	...	53.4	966.1
1969/70	488.1	132.3	58.5	0.1	...	63.5	742.5
1968/69	396.6	117.7	25.9	...	...	67.3	607.5
1967/68	250.8	107.7	42.9	...	...	105.9	507.3
1966/67	193.1	...	40.0	...	...	157.8	390.9
1965/66	169.4	...	22.1	...	...	125.2	316.7
1964/65	151.0	...	10.5	...	...	99.9	261.4

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1986.

Notes:
1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. In 1977 Established Programs Financing replaced contributions under Hospital Insurance and Diagnostic Services, Medical Care and Post-secondary Education Financing programs.
4. The National Training transfers replaced the Adult Occupational Training Agreement in September 1982.
5. Other includes transfers for extended health care services, crop insurance, community service projects, reciprocal taxation, etc.

Table 27.8 Provincial Government Budgetary Expenditure by Ministry, Ontario, 1984/85 to 1986/87

Year	Agriculture & Food	Attorney General	Citizenship & Culture	Colleges & Universities	Community & Social Services	Consumer & Commercial Relations	Correctional Services
				$ millions			
1986/87	410	315	190	2,069	3,087	107	331
1985/86	371	282	183	1,930	2,843	101	284
1984/85	288	278	161	1,804	2,583	97	245

Table 27.8 (cont'd.)

Year	Education	Energy	Environment	Financial Institutions	Government Services	Health	Housing
				$ millions			
1986/87	3,477	36	239	27	376	9,853	206
1985/86	3,180	29	211	25	350	8,977	168
1984/85	3,034	34	179	18	318	8,136	155

Table 27.8 (cont'd.)

	Industry, Trade & Technology	Inter-governmental Affairs	Labour	Management Board	Municipal Affairs	Natural Resources	Northern Development & Mines	Office Responsible for Women's Issues
				$ millions				
1986/87	117	6	92	2,286	860	449	95	10
1985/86	85	8	78	2,102	790	411	73	10
1984/85	79	8	73	2,127	753	377	37	5

Table 27.8 (cont'd.)

Year	Revenue	Skills Development	Solicitor General	Tourism & Recreation	Transportation & Communications	Treasury & Economics	Other	Total
					$ millions			
1986/87	688	456	371	126	625	4,135	92	31,031
1985/86	667	384	340	109	620	3,891	96	28,890
1984/85	630	306	308	105	553	3,397	54	26,461

Source: Ministry of Treasury and Economics, *Ontario Budget 1986.*

Notes:
1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. Comparative figures have been restated to conform with current government structure.
4. Management Board includes Capital Account amounts of $2,110 million, $2,082 million and $2,260 million for 1984/85, 1985/86 and 1986/87 respectively.
5. Expenditures for the Ministry of Treasury and Economics include pensions, BILD, Technology Fund, and public debt interest which is more than 80% of the Ministry's expenditures.
6. Other includes Office of the Premier, Cabinet Office, Office of the Lieutenant Governor, Office of the Ombudsman and Office of the Provincial Auditor.
7. Total budgetary expenditure in 1984/85 and 1985/86 includes restatement adjustments of $319 million and $292 million respectively. In 1986/87, Total budgetary expenditure includes an estimated $100 million year end savings.
8. In 1984/85, 1985/86 and 1986/87, Attorney General includes Office Responsible for Native Affairs with expenditures of $1, $1 and $2 million.
9. In 1984/85, 1985/86 and 1986/87, Government Services includes Office Responsible for Disabled Persons and Office Responsible for Senior Citizens Affairs with expenditures of $1, $1 and $2 million, and $1, $1 and $4 million respectively.
10. The Ministry of Financial Institutions, established March 26, 1986, includes the former Financial Institutions Division of the Ministry of Consumer and Commercial Relations. In addition, it works closely with the Ontario Securities Commission and the Ontario Pension Commission.

Table 27.9 Provincial Budgetary Expenditure by Object, Ontario, 1971/72 to 1984/85

Year	Salaries, Wages & Benefits	Transportation & Communication Services, Supplies & Equipment	Investment/ Construction of Physical Assets	Transfer Payments	Other Transactions	Less Recoveries	Total
				$ millions			
1984/85	2,604.8	1,681.0	400.9	19,453.1	2,997.4	706.3	26,430.9
1983/84	2,508.4	1,646.6	444.3	18,039.2	2,615.5	700.8	24,553.2
1982/83	2,375.2	1,624.5	638.4	16,418.4	2,199.9	747.2	22,509.2
1981/82	2,112.9	1,285.2	461.8	14,263.1	1,924.9	397.1	19,650.8
1980/81	1,890.1	1,131.3	414.4	12,056.5	1,651.4	307.8	16,835.8
1979/80	1,719.3	933.6	443.6	11,020.0	1,464.8	235.4	15,345.9
1978/79	1,574.1	834.8	371.2	10,061.3	1,522.9	207.3	14,156.9
1977/78	1,486.2	796.8	352.2	9,385.4	1,307.5	198.6	13,129.5
1976/77	1,429.0	646.6	303.5	8,520.1	1,121.1	99.0	11,921.2
1975/76	1,235.6	610.6	346.2	7,608.3	934.8	103.3	10,632.2
1974/75	1,050.9	537.2	366.1	6,263.6	698.2	94.4	8,821.6
1973/74	894.9	421.0	270.3	5,156.2	608.6	49.2	7,301.9
1972/73	814.9	365.7	233.3	4,628.1	482.1	43.6	6,480.3
1971/72	727.6	362.1	248.1	3,533.5	387.0	35.3	5,223.0

Source: Ministry of Treasury and Economics, *Public Accounts, Ontario.*

Notes: 1. See Table 27.1, note 1.

2. Recoveries are amounts of inter-ministerial transfers and allocation by object is not available.
3. Other Transactions includes interest payments on the public debt, Ontario Development Corporation-loan forgiveness and guarantees and Municipal taxes on Agricultural Rehabilitation and Development Act (A.R.D.A.) property.

Table 27.10 Provincial Government Assistance to Education, Local Governments and Hospitals, Ontario, 1970/71 to 1984/85

Year	Post-secondary Education	Elementary & Secondary Education	Municipalities & Agencies	Hospitals	Total
			$ millions		
1984/85	2,028.5	. .	2,912.0	4,440.2	. .
1983/84	1,932.4	3,014.3	2,774.2	4,042.3	11,763.2
1982/83	1,794.0	2,812.3	2,535.8	3,643.0	10,785.1
1981/82	1,572.1	2,549.1	2,178.6	3,194.6	9,494.4
1980/81^{r}	1,425.2	2,280.9	1,918.4	2,639.2	8,263.7
1979/80	1,333.3	2,057.7	1,747.0	2,317.8	7,455.8
1978/79	1,266.3	1,954.5	1,627.0	2,146.0	6,993.8
1977/78	1,167.7	1,874.0	1,524.9	2,055.2	6,621.8
1976/77	1,081.2	1,725.0	1,346.6	1,931.1	6,083.9
1975/76	951.3	1,633.9	1,283.7	1,656.5	5,525.4
1974/75	821.6	1,334.3	906.0	1,403.1	4,465.0
1973/74	722.8	1,226.9	736.4	1,108.2	3,794.3
1972/73	600.7	1,186.7	581.7	1,035.3	3,404.4
1971/72	493.9	1,064.9	535.6	. .	. .
1970/71	378.8	898.5	445.9	. .	. .

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ministry of Education, *Education Statistics.*
Ministry of Municipal Affairs, *Local Government Finance in Ontario.*

Notes: 1. See Table 27.1, note 1.

2. Data for Elementary & Secondary Education and Municipalities are for calendar years and are reported in the fiscal year in which the calendar year ends.
3. Assistance to hospitals includes Lottery Corporation contributions, provincial grants – capital and operating, to hospitals and related facilities, non-teaching hospitals and other health facilities, grants to compensate for municipal taxation to public and psychiatric hospitals and clinical education.

Table 27.11 Provincial Government Capital Investment and Net Borrowing, Ontario, 1972/73 to 1986/87

Year	Capital Investment	Net Borrowing
	$ millions	
1986/87	2,408	1,506
1985/86	2,222	2,099
1984/85[r]	2,259	2,090
1983/84[r]	2,244	2,860
1982/83	2,306	2,051
1981/82	2,311	1,363
1980/81	1,709	968
1979/80	1,561	1,132
1978/79	1,361	1,652
1977/78	1,536	1,506
1976/77	1,480	1,092
1975/76	1,627	1,974
1974/75	1,399	851
1973/74	1,226	710
1972/73	1,103	1,032

Source: Ministry of Treasury and Economics, *Ontario Budget.*

Notes: 1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. Excludes Ontario Hydro.

Table 27.12 Provincial Government Non-Budgetary Transactions, Ontario, 1965/66 to 1986/87

	Loans, Advances & Investments			Trust Administration Function			
Year	Receipts	Disburse-ments	Net Charge	Credits	Charges	Net Charge	Balance
				$ millions			
1986/87	347.0	154.0	193.0	1,147.0	307.0	840.0	1,033.0
1985/86	409.0	160.0	249.0	1,050.0	266.0	784.0	1,033.0
1984/85[r]	434.8	169.3	265.5	995.6	296.6	699.0	964.5
1983/84[r]	449.3	176.1	273.2	872.0	194.5	677.5	950.7
1982/83	341.1	181.4	159.7	770.2	221.4	548.8	708.5
1981/82	341.5	543.2	−201.7	659.9	194.4	465.5	263.8
1980/81	310.2	263.3	46.9	611.1	173.4	437.7	484.6
1979/80	390.6	350.6	40.0	641.2	133.3	507.9	547.9
1978/79	420.0	378.4	41.6	491.3	122.4	368.9	410.6
1977/78	262.4	498.9	−236.5	420.9	125.0	295.9	59.5
1976/77	234.9	607.3	−372.4	398.8	116.5	282.3	90.1
1975/76	203.1	730.1	−527.0	307.4	99.4	208.0	−318.9
1974/75	353.8	1,048.0	−694.2	323.7	60.0	263.7	−430.5
1973/74	154.8	606.7	−451.9	178.4	55.4	123.0	−328.8
1972/73	99.8	583.6	−483.8	148.5	42.8	105.7	−378.0
1971/72	132.7	634.7	−502.0	142.3	36.2	106.1	−395.9
1970/71	93.2	601.6	−508.4	108.5	33.8	74.7	−433.6
1969/70	59.5	536.3	−476.8	125.0	45.1	79.9	−396.9
1968/69	40.0	466.2	−426.2	96.4	45.2	51.2	−375.0
1967/68	34.3	430.9	−396.6	93.5	45.2	48.3	−348.2
1966/67	28.4	380.5	−352.1	76.5	36.8	39.7	−312.4
1965/66	19.8	205.2	−185.4	65.3	36.4	28.9	−156.5

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1986.

Notes: 1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. Non-budgetary transactions exclude Ontario Hydro transactions and Ontario Municipal Employees Retirement Fund interim deposits.
4. Non-budgetary transactions are not part of the budgetary process but do influence cash requirements. They involve advances, investments, loans and deposit and trust accounts.

Table 27.13 Provincial Government Debt Outstanding, Ontario, March 31, 1964 to 1985

Year	Funded Debt Public	Funded Debt Non-public	Funded Debt Total	Unfunded Debt	Debt Out-standing	Contingent Liabilities	Total
				$ millions			
1985	9,046.6	23,752.1	32,798.7	5,709.7	38,508.4	14,219.5	52,727.9
1984	8,426.0	21,564.6	29,990.6	5,010.0	35,000.6	12,710.5	47,711.1
1983	5,965.9	19,587.5	25,553.4	4,332.5	29,885.9	10,823.0	40,709.0
1982	5,631.6	17,490.4	23,122.0	3,783.7	26,905.6	8,966.4	35,872.1
1981	4,854.2	15,550.5	20,404.6	3,333.0	23,737.7	8,257.3	31,995.0
1980	5,089.2	13,888.4	18,977.6	2,946.0	21,923.7	7,600.5	29,524.2
1979	5,286.4	12,319.1	17,605.5	2,463.9	20,069.5	6,734.4	26,803.9
1978	4,514.0	10,751.6	15,265.6	2,115.4	17,381.0	6,211.4	23,592.4
1977	4,188.3	9,216.1	13,404.3	1,783.0	15,187.3	5,805.9	20,993.2
1976	4,149.2	7,908.6	12,057.8	1,485.9	13,543.8	5,146.2	18,690.0
1975	2,876.4	6,677.6	9,553.9	1,278.5	10,832.4	3,933.2	14,765.7
1974	2,853.0	5,537.4	8,390.4	999.0	9,389.6	3,381.7	12,771.3
1973	2,857.4	4,601.7	7,459.0	874.3	8,333.4	3,069.5	11,403.0
1972	2,451.3	3,824.2	6,275.5	710.4	6,985.9	2,793.5	9,779.4
1971	2,116.0	3,077.2	5,193.2	602.0	5,795.3	2,434.3	8,229.6
1970	2,093.0	2,467.5	4,560.4	523.9	5,084.3	2,195.5	7,280.0
1969	2,060.5	1,900.8	3,961.3	487.2	4,448.5	2,147.5	6,596.0
1968	1,857.3	1,380.0	3,237.2	431.9	3,669.1	1,946.6	5,615.7
1967	1,728.4	894.5	2,623.0	390.1	3,013.1	1,991.0	5,004.1
1966	1,751.7	473.9	2,225.6	345.7	2,571.3	1,816.2	4,387.5
1965	1,646.0	352.1	1,998.1	315.8	2,313.9	1,827.4	4,141.4
1964	1,584.7	299.6	1,884.3	285.1	2,169.5	1,794.6	3,964.0

Source: Ministry of Treasury and Economics, *Public Accounts, Ontario.*

Notes:
1. Non-public Funded Debt consists of bonds issued to the Canada Pension Plan Investment Fund and Teachers' Superannuation Funds.
2. Unfunded Debt consists primarily of Public Service Superannuation Fund amounts and is based on actuarial estimates.
3. Contingent Liabilities will only be paid by the Government in specific situations, e.g.–default by the borrower such as Ontario Hydro.
4. Contingent Liabilities excludes Ontario Hydro pre-maturity bond retirements.
5. See Table 27.1, note 1.

Table 27.14 Government Enterprise Finance, Ontario, Fiscal Year Ended Nearest to December 31, 1970 to 1983

Year	Income	Expen-diture	Own Account Balance	Government Subsidies	Net Income	Assets	Liabil-ities	Net Worth
					$ millions			
1983	6,305.1	5,228.7	1,076.4	21.0	1,097.4	26,094.8	22,126.3	3,968.5
1982	5,748.7	4,858.2	890.5	19.4	909.9	23,565.2	20,105.7	3,459.5
1981	5,367.4	4,432.2	935.2	19.1	954.3	20,600.4	17,497.5	3,102.8
1980	4,818.0	4,147.0	671.0	16.8	687.8	18,305.7	15,652.9	2,652.8
1979	4,252.8	3,560.0	692.1	14.1	706.9	17,152.3	14,739.6	2,412.7
1978	3,596.9	3,082.3	514.7	11.2	525.8	15,896.8	13,815.7	2,081.1
1977	3,191.8	2,618.1	573.7	10.3	584.0	13,852.5	11,988.1	1,864.4
1976	2,647.5	2,241.8	405.7	8.4	414.1	12,257.3	10,621.3	1,636.0
1975	2,049.7	1,851.8	197.9	6.6	204.5	10,713.4	9,165.5	1,547.9
1974	1,792.4	1,459.9	332.6	4.5	337.0	9,137.4	7,565.3	1,572.1
1973	1,548.9	1,252.1	296.8	0.1	296.9	8,035.9	6,618.7	1,417.2
1972	1,347.3	1,110.2	237.1	–	237.1	6,975.1	5,650.3	1,324.9
1971	1,214.6	1,010.6	204.0	0.1	204.1	6,443.0	5,187.3	1,255.7
1970	1,072.0	865.6	206.4	0.1	206.5	5,743.4	4,545.4	1,198.0

Source: Statistics Canada, *Provincial Government Enterprise Finance, (61-204).*

Table 27.15 **Local Government Expenditure, Ontario, 1968 to 1985**

	Municipalities			School Boards			
Year	Revenue Fund	Capital Fund	Total	Revenue Fund	Capital Fund	Total	Total
				$ millions			
1985	7,915.0	1,635.0	9,550.0	6,781.0	271.0	7,052.0	16,602.0
1984	7,397.0	1,572.0	8,969.0	6,349.0	258.0	6,607.0	15,576.0
1983^{r}	6,860.0	1,505.0	8,365.0	5,949.0	271.0	6,220.0	14,590.0
1982^{r}	6,340.0	1,386.0	7,726.0	5,447.0	233.0	5,680.0	13,406.0
1981^{r}	5,522.0	1,293.0	6,815.0	4,815.0	206.0	5,021.0	11,836.0
1980	4,875.0	1,261.0	6,136.0	4,309.0	172.0	4,481.0	10,617.0
1979	4,342.0	1,198.0	5,540.0	3,946.0	138.0	4,084.0	9,624.0
1978	4,011.0	1,194.0	5,205.0	3,680.0	170.0	3,850.0	9,055.0
1977	3,631.0	1,106.0	4,737.0	3,410.0	128.0	3,538.0	8,275.0
1976	2,801.0	1,034.0	3,835.0	3,088.0	145.0	3,233.0	7,068.0
1975	2,526.0	1,018.0	3,544.0	2,601.0	209.0	2,810.0	6,354.0
1974	2,084.0	776.0	2,860.0	2,198.0	182.0	2,380.0	5,240.0
1973	1,640.0	612.1	2,252.1	2,245.6	232.7	2,478.3	4,730.4
1972	1,485.9	550.4	2,036.3	1,932.8	275.8	2,208.6	4,244.9
1971	1,377.1	487.2	1,864.4	1,793.7	363.2	2,156.9	4,021.3
1970	1,180.1	391.3	1,571.4	1,641.9	374.5	2,016.4	3,587.8
1969	1,033.2	371.4	1,404.6	1,423.1	399.8	1,822.9	3,227.5
1968	937.2	390.2	1,327.4	1,236.0	345.6	1,581.6	2,909.0

Sources: Ministry of Municipal Affairs, *Local Government Finance in Ontario.*
Ministry of Education, *Education Statistics.*

Notes:
1. Local Government refers to upper and lower tier municipalities and school boards.
2. Revenue Fund expenditures exclude transfers to Capital Fund.
3. For 1974 and later years, Local Government expenditures, both municipal and school board, are those reported in *Local Government Finance in Ontario;* prior to 1974, school board expenditures were derived from *Education Statistics.*
4. See Table 27.3, note 1.
5. After 1976, municipal expenditures include operation of transit and water utilities.

Table 27.16 **Local Government Revenues by Source, Ontario, 1968 to 1985**

Year	Property Taxes	Provincial Grants	User Fees	Other Revenue	Total	Long Term Borrowing
			$ millions			
1985	7,044.0	6,301.0	1,463.0	1,514.0	16,322.0	308.0
1984	6,541.0	6,046.0	1,370.0	1,421.0	15,378.0	290.0
1983^r	5,978.0	5,792.0	1,261.0	1,292.0	14,323.0	306.0
1982^r	5,421.0	5,365.0	1,166.0	1,231.0	13,183.0	423.0
1981^r	4,769.0	4,755.0	1,041.0	1,155.0	11,720.0	263.0
1980^r	4,213.0	4,238.0	906.0	942.0	10,299.0	352.0
1979^r	3,798.0	3,839.0	810.0	858.0	9,305.0	383.4
1978^r	3,448.0	3,618.0	725.0	831.0	8,622.0	371.8
1977^r	3,188.0	3,433.0	625.0	662.0	7,908.0	530.1
1976^r	2,765.0	3,012.0	600.0	814.0	7,191.0	636.8
1975^r	2,351.0	2,866.0	495.0	543.0	6,255.0	423.0
1974^r	1,982.3	2,240.2	100.0	492.8	4,815.3	314.2
1973^r	1,787.7	1,963.3	81.5	450.0	4,282.5	346.5
1972^r	1,744.4	1,768.4	86.6	414.8	4,014.2	351.1
1971^r	1,650.1	1,600.4	77.3	460.0	3,787.8	417.7
1970^r	1,596.8	1,344.4	58.4	454.5	3,454.1	339.8
1969^r	1,438.3	1,111.2	55.1	468.9	3,073.5	349.2
1968^r	1,282.3	970.0	41.5	420.3	2,714.1	357.4

Sources: Ministry of Municipal Affairs, *Local Government Finance in Ontario.*
Ministry of Education, *Education Statistics.*

Notes:
1. See Table 27.15, note 1.
2. Property Taxes is the sum of those levied by municipalities for own and school purposes; this is different from property taxes reported by school boards which are break even requisitions representing the amount required to balance the budget and do not include under or over levies.
3. Provincial Grants includes General Legislative Grants, grants to municipalities, other grants to school boards and payments in lieu of taxes.
4. From 1975 on, User Fees includes revenue from transit fares, homes for the aged, water, culture and recreation and other service charges.
5. Other Revenue includes rents and concessions, fines, licences and permits, tax penalties and interest, investment income, federal grants and municipal payments and contributions from other funds.
6. See Table 27.3, note 1.
7. Long Term Borrowing includes that done on behalf of municipal enterprises and unconsolidated boards and commissions.

Table 27.17 Municipal Revenue Fund Expenditures by Function, Ontario, 1968 to 1984

Year	General Government	Protection to People & Property				Transportation			
		Fire	Police	Other	Total	Roads	Transit	Other	Total
					$ millions				
1984	783.5	437.2	771.4	157.5	1,366.2	975.6	752.9	125.8	1,854.4
1983	731.0	421.3	714.3	150.3	1,286.0	912.7	706.9	114.0	1,733.7
1982	740.7	382.4	665.0	148.9	1,196.3	868.2	632.3	106.3	1,607.0
1981	614.7	338.8	579.5	135.0	1,053.4	785.6	543.9	98.0	1,427.6
1980	545.9	292.5	501.9	122.2	916.6	708.3	451.0	90.2	1,249.5
1979	457.4	259.8	444.9	107.7	812.4	664.4	398.8	78.8	1,141.9
1978	429.9	235.7	407.8	101.9	745.4	628.7	381.0	74.4	1,084.1
1977	365.3	218.5	373.0	89.2	680.7	607.1	347.5	58.5	1,013.1
1976	311.3	195.5	327.5	79.7	602.7	486.3	108.2	82.2	676.7
1975	272.5	177.0	284.3	83.4	544.7	453.9	114.5	74.7	643.1
1974	243.6	144.8	227.8	60.7	433.3	400.3	81.8	78.5	560.6
1973	196.6	124.3	188.8	53.0	366.0	370.7	56.6	73.0	500.3
1972	187.1	111.8	163.6	47.6	323.0	354.7	37.5	66.3	458.5
1971	173.7	98.5	144.0	42.4	284.9	337.7	29.9	62.3	429.9
1970	152.4	88.2	123.3	37.1	248.6	298.3	23.4	51.2	372.9
1969	153.4	76.9	103.9	33.8	214.5	269.3	21.3	44.9	335.5
1968	131.5	65.9	88.4	31.2	185.5	262.2	20.2	41.5	323.9

Table 27.17 (cont'd.)

Year	Environment					Health & Social Services	Recreation & Culture	Planning & Development	Total
	Sewers	Water	Solid Waste	Other	Total				
					$ millions				
1984	494.9	414.5	228.5	–	1,138.0	1,535.1	860.8	207.1	7,746.2
1983	464.0	390.2	211.6	–	1,065.8	1,424.3	794.5	190.3	7,225.6
1982	416.2	357.3	189.8	–	963.2	1,264.2	739.4	176.0	6,687.8
1981	374.9	321.1	171.1	–	867.2	1,060.2	643.9	157.0	5,824.0
1980	328.0	274.8	169.6	–	772.3	930.3	575.0	168.0	5,157.5
1979	297.7	252.9	142.9	–	693.4	824.6	513.8	128.1	4,571.6
1978	252.1	234.3	121.9	19.9	628.2	733.9	484.8	114.6	4,220.8
1977	240.3	212.1	109.3	1.8	563.6	648.6	446.0	107.0	3,824.4
1976	218.2	–	99.4	–	317.7	584.2	369.9	84.3	2,946.8
1975	188.0	–	89.2	–	277.2	544.6	317.7	73.9	2,673.7
1974	128.3	–	79.3	–	207.6	327.6	229.5	43.7	2,045.9
1973	114.3	–	67.0	–	181.2	275.6	196.0	33.9	1,749.7
1972	101.3	–	59.5	–	160.8	264.4	165.5	29.3	1,588.5
1971	89.0	–	53.7	–	142.7	266.6	141.2	25.3	1,446.4
1970	79.6	–	47.5	–	127.1	212.0	120.3	19.3	1,252.5
1969	74.2	–	42.9	–	117.1	157.5	103.3	17.0	1,098.4
1968	69.0	–	39.1	–	108.1	140.1	90.4	15.3	994.9

Sources: Ministry of Municipal Affairs, *Local Government Finance in Ontario.*
Ministry of Treasury, Economics and Intergovernmental Affairs, *Municipal Financial Information,* 1974.

Notes: 1. Since 1977, local boards and municipal enterprises have been consolidated with municipal figures; therefore, comparisons between pre-1977 and post-1977 data are not appropriate.
2. Municipal water systems were consolidated in 1977; previously any water service expenditure was in Environmental Services.

Table 27.18 Municipal Capital Fund Expenditures by Function, Ontario, 1968 to 1984

Year	General Government	Protection People & Property	Transportation	Environment	Health/ Social Services	Recreation	Planning	Total
					$ millions			
1984	78.0	57.7	714.6	403.2	60.0	165.0	93.0	1,571.7
1983	51.6	65.2	694.1	406.7	41.8	161.8	88.6	1,510.3
1982	63.9	61.1	606.8	376.3	61.6	159.2	93.9	1,422.5
1981	44.7	51.2	561.6	344.7	34.2	122.0	133.7	1,292.0
1980	83.2	44.6	490.1	333.7	57.7	130.0	116.7	1,255.9
1979	74.2	38.6	436.6	353.5	60.5	129.0	106.2	1,198.6
1978	61.4	45.9	441.9	355.3	57.8	137.8	95.4	1,195.4
1977	37.8	38.5	449.2	310.6	42.9	146.5	80.7	1,106.2
1976	42.4	39.0	399.8	233.7	28.1	125.0	74.4	942.3
1975	37.9	39.1	408.7	250.3	23.2	140.8	68.3	968.3
1974	23.8	32.4	343.9	124.7	13.6	120.1	27.0	685.5
1973	23.4	22.6	275.7	89.2	12.1	71.6	21.9	516.5
1972	23.3	23.1	259.8	80.3	22.7	69.2	22.4	500.8
1971	8.8	18.2	248.4	83.8	11.9	41.5	20.8	433.4
1970	12.1	11.6	201.8	49.1	11.1	28.9	25.5	340.1
1969	16.9	12.7	175.3	50.1	10.8	22.7	29.3	317.8
1968	9.3	8.4	191.4	64.4	10.4	23.2	23.9	330.9

Source: Ministry of Municipal Affairs, *Local Government Finance in Ontario.*

Table 27.19 Municipal Capital Fund Revenue by Source, Ontario, 1968 to 1984

Year	Revenue Fund	Reserves & Reserve Funds	Provincial Grants	Borrowing	Other Revenues	Total
			$ millions			
1984	349.2	319.3	535.9	267.1	200.1	1,671.9
1983	331.3	288.6	518.6	287.0	154.1	1,579.7
1982	308.6	267.8	472.3	419.0	168.2	1,635.4
1981	306.9	212.0	392.1	254.2	192.3	1,357.5
1980	273.8	200.1	340.9	306.8	171.7	1,293.3
1979	229.8	194.9	327.5	323.2	147.6	1,223.0
1978	209.6	154.8	300.9	284.7	154.0	1,104.0
1977	192.8	126.8	316.7	472.0	144.1	1,252.4
1976	145.8	96.8	284.1	547.1	105.5	1,179.3
1975	148.2	78.3	267.8	334.3	86.8	915.4
1974	115.6	80.9	172.0	219.7	62.2	650.4
1973	109.7	65.0	126.9	254.9	58.1	614.6
1972	102.6	49.9	110.0	225.7	57.1	545.3
1971	87.3	46.1	105.0	221.6	41.2	501.2
1970	72.4	30.6	90.1	187.5	41.5	422.2
1969	65.2	30.0	74.8	162.8	38.3	371.2
1968	57.7	24.5	59.9	165.1	32.6	339.9

Source: Ministry of Municipal Affairs, *Local Government Finance in Ontario.*

Note: Borrowing includes that done on behalf of municipal enterprises and unconsolidated boards and commissions.

Table 27.20 Local Government Long Term Borrowing and Debt Outstanding, Ontario, December 31, 1968 to 1984

	Municipal			School Board		
Year	Long Term Borrowing	Net Debt Outstanding	Debt Charges	Long Term Borrowing	Net Debt Outstanding	Debt Charges
				$ millions		
1984	267.0	2,849.0	586.0	23.0	939.0	201.0
1983	289.0	2,911.0	559.0	17.0	1,030.0	204.0
1982^{r}	400.0	2,888.0	505.0	23.0	1,125.0	207.0
1981	254.2	3,017.7	492.9	8.7	1,170.0	212.9
1980	306.8	3,027.2	468.9	45.2	1,289.0	215.7
1979	323.2	2,975.4	445.3	60.2	1,314.0	217.4
1978	284.7	2,898.9	426.9	87.1	1,407.0	216.3
1977	472.0	2,837.8	384.6	58.1	1,437.0	215.1
1976	547.1	2,453.0	353.0	89.7	1,484.0	211.1
1975	334.3	2,104.0	315.0	88.7	1,501.0	207.0
1974	219.7	1,948.0	294.5	94.5	1,518.0	200.2
1973	254.9	1,901.2	275.0	91.6	..	199.2
1972	225.7	1,800.6	258.2	125.4	..	190.4
1971	221.6	1,722.8	242.8	196.1	..	179.3
1970	187.5	1,640.9	227.1	152.3	..	173.0
1969	162.8	1,619.5	213.3	186.4	..	152.6
1968	165.1	1,583.3	202.4	192.3	..	134.8

Sources: Ministry of Municipal Affairs, *Local Government Finance in Ontario.*
Ministry of Education, *Education Statistics.*

Notes: 1. Debt Charges includes interest payments and principal repayments (see also Table 27.2, note 2).
2. Municipal Net Debt is prepared from total unmatured debt outstanding adjusted by obligations assumed by or from other municipalities and sinking fund balances and Ontario Water Resources Commission (Ministry of Environment) debt retirement.
3. See Table 27.16, note 7.

Table 27.21 Federal Government Revenue, Expenditure and Net Cash Requirements, 1969/70 to 1984/85

Year	Taxation Revenue	Non-taxation Revenue	Budgetary Revenue	Budgetary Expenditure	Surplus or Deficit(−)	Net Non-budgetary & Foreign Exchange Transactions	Net Cash Requirements
				$ millions			
1984/85	57,807.0	6,330.0	64,137.0	100,254.0	−36,117.0	9,539.0	26,578.0
1983/84	51,474.0	5,657.0	57,131.0	88,615.0	−31,484.0	6,999.0	24,485.0
1982/83^{r}	50,196.0	5,816.0	56,012.0	78,276.4	−22,264.4	−444.0	22,708.4
1981/82^{r}	48,741.0	6,113.0	54,854.0	67,474.0	−12,620.0	5,917.0	6,703.0
1980/81^{r}	40,650.7	4,748.0	45,398.7	58,796.0	−13,397.3	4,058.0	9,339.3
1979/80^{r}	34,907.4	4,028.0	38,935.4	50,205.0	−11,269.6	757.0	10,512.6
1978/79	30,652.1	4,563.5	35,215.6	46,922.3	−11,706.7	4,856.0	6,850.7
1977/78	28,959.7	3,886.8	32,846.5	42,882.3	−10,035.8	2,773.0	7,262.8
1976/77	29,154.8	3,485.5	32,640.3	38,929.8	−6,289.5	2,023.0	4,266.5
1975/76	26,296.8	2,862.6	29,159.4	33,181.2	−4,021.8	−739.5	4,761.3
1974/75	22,328.0	2,580.7	24,908.7	26,054.9	−1,146.2	−360.8	1,507.0
1973/74	17,133.2	2,233.5	19,366.7	20,039.4	−672.7	−646.2	1,318.9
1972/73	14,704.0	1,897.6	16,601.6	16,120.7	480.9	−1,869.0	1,388.1
1971/72	12,561.9	1,664.7	14,226.6	14,840.9	−614.3	−1,113.0	1,727.3
1970/71	11,345.9	1,457.1	12,803.0	13,182.1	−379.1	−1,809.0	2,188.1
1969/70	10,955.4	1,368.4	12,323.8	11,931.3	392.6	−636.7	244.1

Source: Receiver General for Canada, *Public Accounts of Canada.*

Notes: 1. See Table 27.1, note 1.
2. Because of changes in accounting policies that have been introduced, figures from 1979/80 on have been revised and are presented on a comparable basis.

Table 27.22 Federal Government Debt Outstanding at March 31, 1971 to 1985

Year	Funded Debt			Unfunded Debt	Debt Out-standing	Contingent Liabilities	Total
	Public	Non-public	Total				
				$ millions			
1985	172,431.5	205.3	172,636.8	59,997.5	232,634.3	8,208.0	240,842.3
1984	142,636.7	188.7	142,825.4	53,212.1	196,037.5	6,751.8	202,789.3
1983^r	115,154.6	171.4	115,326.1	44,144.0	159,470.0	6,894.4	166,364.4
1982^r	91,945.9	154.0	92,099.9	42,007.1	134,107.0	5,661.3	139,768.3
1981^r	82,798.3	136.4	82,934.7	35,526.3	118,461.0	4,171.3	122,632.3
1980	71,711.5	113.4	71,824.9	34,374.1	106,199.0	3,977.6	110,176.6
1979	66,348.7	95.7	66,444.4	32,036.6	98,481.0	28,570.4	127,051.4
1978	51,385.6	83.7	51,469.3	28,578.7	80,048.0	23,736.3	103,784.3
1977	42,447.0	72.3	42,519.3	24,555.7	67,075.0	18,812.8	85,887.8
1976	37,634.9	61.7	37,696.6	22,105.7	59,802.3	17,124.1	76,926.4
1975	33,034.7	51.5	33,086.2	20,071.7	53,157.9	15,630.7	68,788.6
1974	29,129.0	42.4	29,171.4	18,641.3	47,812.7	13,857.2	61,669.9
1973	29,004.0	34.5	29,038.5	16,341.0	45,379.5	12,734.0	58,113.5
1972	27,231.2	27.3	27,258.5	15,128.6	42,387.1	11,649.4	54,036.5
1971	24,865.3	335.8	25,201.1	13,524.8	38,725.9	10,537.0	49,262.9

Source: Receiver General for Canada, *Public Accounts of Canada.*

Notes: 1. Public Debt consists of all unmatured bonds and notes, both domestic and foreign, including Canada Savings Bonds.

2. Non-public Debt consists of bonds issued to the Canada Pension Plan Investment Fund and prior to 1972, to the Unemployment Insurance Commission.

3. Unfunded Debt is called Specified Purpose Accounts in the Public Accounts of Canada, and includes all direct federal liabilities other than notes and bonds, including Superannuation Accounts, and Foreign Exchange Accounts. Due to a change in accounting practices the Allowance for Borrowings of Agent Crown Corporations expected to be repaid by the Government is reported, starting with 1984, as Unfunded Debt rather than as Contingent Liabilities.

4. Contingent Liabilities will only be paid by the federal government in specific situations e.g. default by the borrower. The contingent liabilities associated with CMHC are not included in 1980 and subsequent years.

Table 27.23 Federal Government Enterprise Finance, Fiscal Year Ended Nearest to December 31, 1970 to 1984

Year	Income	Expenditures		Own Account Balance	Govern-ment Subsidies	Net Income	Assets	Liabil-ities	Net Worth
		Salaries & Wages	Total						
					$ millions				
1984	24,650.7	6,535.4	26,558.9	−1,908.1	1,698.7	−209.5	58,977.9	47,436.9	11,541.0
1983	21,946.3	6,181.9	24,649.0	−2,702.7	2,038.6	−664.1	55,397.5	44,576.5	10,821.0
1982^r	20,865.0	5,930.9	24,353.6	−3,488.6	1,736.3	−1,752.3	51,770.3	41,011.9	10,758.4
1981^r	17,675.5	3,589.2	18,146.5	−471.0	1,117.2	646.1	46,338.3	37,627.4	8,710.9
1980^r	16,613.7	3,369.7	16,711.9	−98.1	955.3	857.2	43,203.3	33,566.2	9,637.1
1979^r	13,265.8	3,002.6	13,218.7	47.1	801.1	848.2	38,830.2	30,462.5	8,367.7
1978^r	9,833.9	2,574.8	9,991.2	−157.3	662.9	505.6	35,141.8	27,698.4	7,443.4
1977^r	8,399.6	2,350.5	8,641.9	−242.3	539.9	297.6	29,464.9	23,740.6	5,724.3
1976^r	7,549.3	2,260.9	7,799.1	−249.8	429.5	179.7	27,472.7	22,362.2	5,110.5
1975^r	6,638.4	1,845.6	6,772.0	−133.6	364.2	230.6	25,096.3	20,127.9	4,968.4
1974^r	6,573.0	1,621.3	6,199.1	373.9	312.3	686.1	22,960.5	17,979.1	4,981.3
1973	5,014.1	1,325.0	4,936.1	78.0	237.0	315.0	19,305.9	15,233.5	4,072.4
1972	4,221.5	1,189.7	4,392.4	−170.9	196.4	25.5	17,328.2	13,965.1	3,363.2
1971	3,766.8	1,081.9	3,944.3	−177.5	177.2	−0.3	16,442.8	13,136.4	3,306.3
1970	2,738.5	932.8	2,948.5	−210.0	162.3	−47.6	15,352.5	12,155.1	3,197.4

Source: Statistics Canada, *Federal Government Enterprise Finance, (61-203).*

Chapter 28
Public Sector Employment

Public Sector Employment

Public sector employment is one of the measures used to gauge the magnitude of public involvement in the economy. Statistics in this chapter cover the number of employees and payrolls of most entities in the public sector, as defined in Chapter 27, Public Finance.

Ontario Government employment and payrolls reported by Statistics Canada are derived from surveys of individual ministries. The number of employees reported is the number on the payroll at the last day of the month or at the final pay period of the month, and is different from the Ontario Civil Service Commission's (CSC) *Annual Report.* The CSC report is based on employees on staff on the last Friday of the month and includes persons who are appointed under the authority of the Public Service Act, and persons who are appointed under the authority of other specific legislation but are paid out of the Salaries and Wages Standard Account. Major differences between the two series are:

- CSC excludes employees on Long Term Income Protection Plan, while Statistics Canada includes them;
- employees in the Legislative Assembly, Lieutenant Governor, Provincial Auditor and Ombudsman's offices are not civil servants, and as such are excluded by CSC;
- CSC excludes employees on leave of absence without pay, but Statistics Canada includes them;
- CSC figures are reported by personnel officers based on personnel records, while Statistics Canada figures are reported by accounts personnel based on payroll records.

The gross payrolls reported by Statistics Canada are gross payments made to all employees during the month. They include retroactive pay, salary adjustments and overtime payments, but not fringe benefits. Therefore, gross payroll divided by reported number of employees will not accurately reflect average earnings. In particular, in years where there are late contract settlements, average earnings calculated in this way appear unusually high.

Statistics Canada's employment data for different provinces reflect differences in reporting procedures and levels of service delivery. For example, services provided by the provincial level of government in one province may be provided by local government in another province.

Sources of Data

The two major sources for Ontario Government employment and payrolls are the Statistics Canada publication *Provincial Government Employment,* (72-007), and the Ontario Civil Service Commission's *Annual Report.* The employee statistics for elementary and secondary schools are derived from the Ontario Ministry of Education's *Education Statistics,* while the annual payrolls are estimated from financial data presented in the same publication. Information on college and university employees are obtained from Statistics Canada's *Education in Canada,* (81-229), while annual payrolls are estimated from the *Financial Report of Ontario Universities,* published by the Council of Ontario Universities. Data on hospital payrolls are available from the Fiscal Resources Branch of the Ontario Ministry of Health, while number of employees in hospitals are extracted from *Hospital Statistics,* published by the same Ministry. The number of employees and annual payrolls for these public institutions are not strictly comparable because they are derived from different sources.

For federal employment and annual gross payrolls in Ontario, data with respect to numbers and regular salary of employees paid directly from the Consolidated Revenue Fund are supplied to Statistics Canada by Supply and Services Canada. Overtime and retroactive payments are derived from financial statements of the departments. Data for other employees are provided by employing agencies. The number of employees and gross payrolls of government enterprises are extracted from monthly reports provided by each enterprise. The number of federal government employees indicates those on strength on the final day of the last pay period of the month, including casual, part-time and continuing employees. For the most part, the gross payrolls for federal government employees are estimated from annual salary rates, while gross payrolls for federal government enterprise employees present actual salaries and wages paid during the month including overtime, retroactive pay and other payments. Accordingly, comparisons between federal government and enterprise numbers are of limited value. Federal government employees reported by Statistics Canada are also different from those reported by the Treasury Board of Canada and the Public Service Commission of

Canada. Employees reported by the latter do not include military personnel, Canada Post and RCMP uniformed personnel.

Local government employment reported by Statistics Canada is derived from a monthly survey of all urban municipalities with populations over 10,000 and an annual sample survey of municipalities with population less than 10,000. The number of local government employees reported does not include local enterprises (such as hydro utilities, transit and telephone systems) and school boards. The number refers to full-time and other employees on pay during the last pay period of the month. Persons working under contract or receiving a fee for services, and elected officials are excluded. Local government employment reported by Statistics Canada is significantly higher than that reported by the Ministry of Municipal Affairs, based on municipal financial reports. This is because the latter reports only full-time employees.

More detailed information on number of employees, payrolls, and salaries and wages of public sector employment can be obtained from various Statistics Canada publications such as *Federal Government Employment in Metropolitan Areas, (72-205), Education Statistics in the Seventies, (81-569), Salaries and Salary Scales of Full-Time Teaching Staff at Canadian Universities, (81-258), Education Staff of Community Colleges and Vocational Schools, (81-254),* and *Salaries and Qualifications of Teachers in Public, Elementary and Secondary Schools, (81-202).*

Public Sector Employment

Charts:

28.1 Growth in Provincial, Federal and Local Government Employment, Ontario, 1975 to 1985
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28.1 Public Sector Employees and Gross Annual Payroll, Ontario, 1971 to 1985
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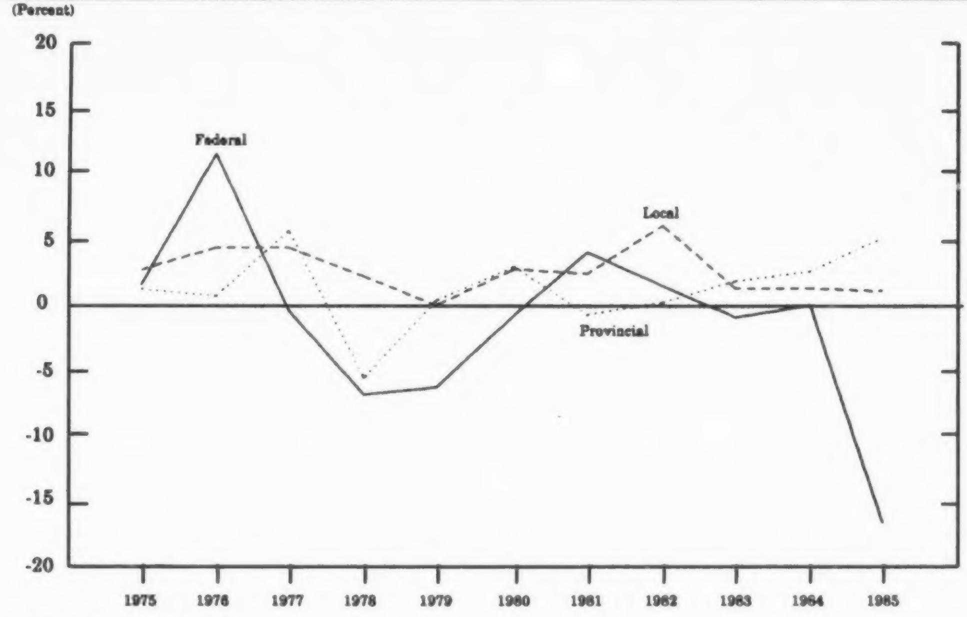
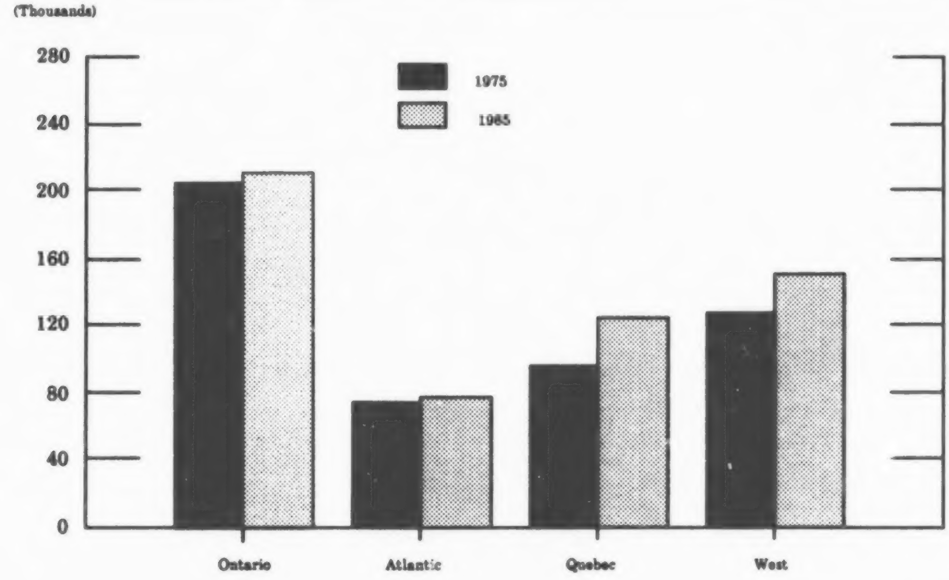
Chart 28.1 Growth in Provincial, Federal and Local Government Employment, Ontario, 1975 to 1985



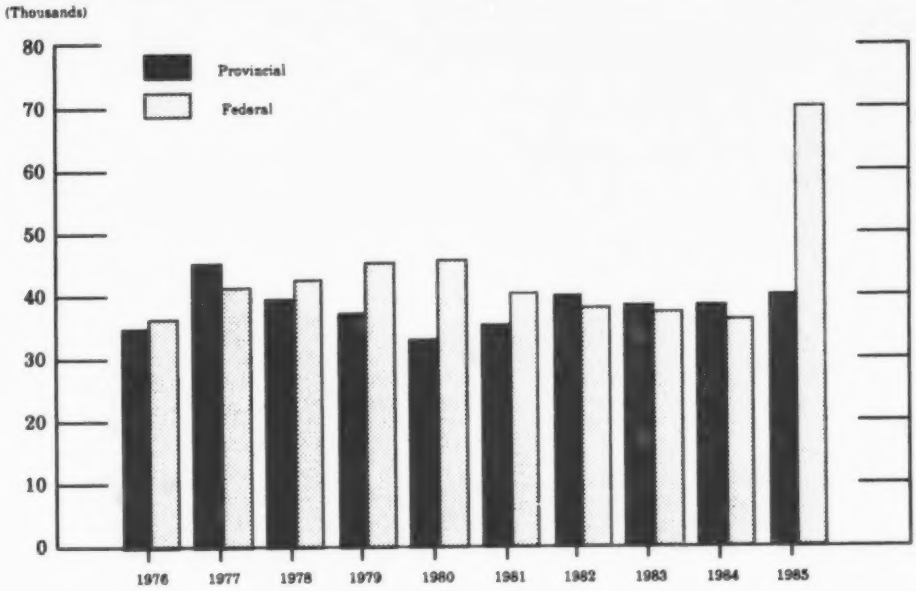
Refer to Tables 28.2, 28.7 and 28.11

Chart 28.2 Federal Government and Enterprise Employees, Ontario and Other Regions of Canada, 1975 and 1985



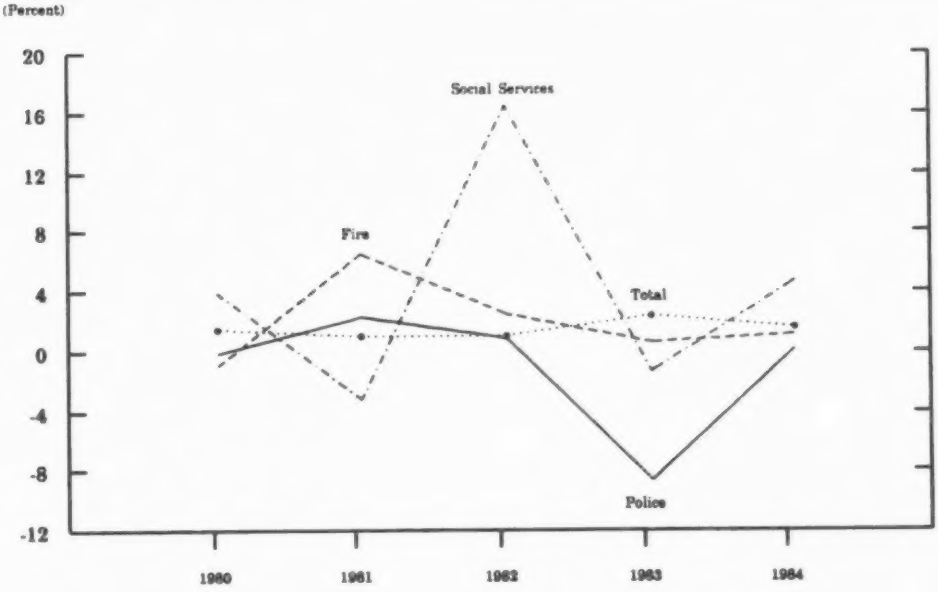
Refer to Table 28.7

Chart 28.3 Provincial and Federal Enterprise Employees, Ontario, 1976 to 1985



Refer to Tables 28.5 and 28.7

Chart 28.4 Growth in Municipal Employment by Selected Function, Ontario, 1980 to 1984



Refer to Table 28.10

Table 28.1 Public Sector Employees and Gross Annual Payroll, Ontario, 1971 to 1985

	Federal		Provincial		Local		Total	
Year	Employees	Annual Payroll	Employees	Annual Payroll	Employees	Annual Payroll	Employees	Annual Payroll
	#	$ millions	#	$ millions	#	$ millions	#	$ millions
1985	214,515	6,385	. .	. . .	277,136	8,453	. . .	. . .
1984	210,029	6,134	309,630	7,815	272,688	7,923	792,347	21,872
1983	211,147	5,780	303,850	7,552	269,687	7,461	784,684	20,793
1982^r	213,620	5,521	300,686	6,961	266,416	6,799	780,722	19,281
1981^r	213,423	4,577	291,675	6,032	256,896	5,924	761,994	16,533
1980^r	212,215	4,187	284,584	5,335	256,845	5,245	753,644	14,767
1979^r	213,348	3,888	281,914	4,781	254,140	4,745	749,402	13,414
1978^r	221,494	3,632	282,405	4,357	255,698	4,404	759,597	12,393
1977^r	233,746	3,443	285,417	4,127	207,193	4,081	726,356	11,651
1976^r	229,363	2,982	272,124	3,757	203,347	3,678	704,834	10,417
1975^r	209,335	2,552	273,722	3,372	198,735	3,056	681,792	8,980
1974^r	207,035	2,211	270,879	2,795	193,884	2,546	671,798	7,552
1973	213,934	1,978	259,129	2,370	187,689	1,917	660,752	6,265
1972	187,461	1,729	261,121	2,074	185,379	1,767	633,961	5,570
1971	185,108	1,526	257,573	1,956	182,221	1,586	624,902	5,068

Sources: CANSIM.
Statistics Canada, *Federal Government Employment*, (72-004).
Provincial Government Employment, (72-007).
Local Government Employment, (72-009).
Education in Canada, (81-229).
Ministry of Health, Fiscal Resources Branch and *Hospital Statistics*.
Council of Ontario Universities, *Financial Report of Ontario Universities*.

Notes: 1. Federal Employees includes those in general government and government enterprises, Provincial Employees includes those in general government, government enterprises, universities and hospitals, while local government numbers include those in school boards but exclude those in municipal enterprises.
2. Prior to 1978, school board employees were full-time teachers. Employees from 1978 onwards are full-time equivalents of all employees.

Table 28.2 Employees in Provincial Government: Hospitals, Universities and Government Enterprises, Ontario, 1970 to 1985

Year	Government Departments	Boards, Commissions & Agencies	Public Funded & Owned Institutions	Provincial Government	Hospitals & Universities	Government Enterprises	Total
				number			
1985	80,885	6,664	31,652	119,201	. .	40,017	. . .
1984	80,310	6,111	26,883	113,304	158,492	37,834	309,630
1983	80,720	5,244	24,578	110,542	154,646	38,662	303,850
1982^r	79,214	5,187	24,085	108,486	151,972	40,228	300,686
1981	78,915	5,106	24,248	108,269	147,920	35,486	291,675
1980^r	80,395	4,749	24,056	109,200	142,119	33,265	284,584
1979^r	80,568	4,279	21,336	106,183	137,993	37,738	281,914
1978^r	81,128	4,154	20,478	105,760	136,832	39,813	282,405
1977^r	85,912	3,859	22,512	112,283	137,477	35,657	285,417
1976	83,541	3,524	19,113	106,178	130,685	35,261	272,124
1975	83,317	3,429	18,558	105,304	133,609	34,809	273,722
1974	83,729	2,717	17,572	104,018	133,186	33,675	270,879
1973	80,523	2,598	16,023	99,144	128,129	31,856	259,129
1972	77,989	1,551	16,368	99,808	129,610	31,703	261,121
1971	81,199	1,546	16,568	99,313	125,822	32,438	257,573
1970	75,770	1,551	15,876	93,197	121,096	30,831	245,124

Sources: Statistics Canada, *Provincial Government Employment*, (72-007).
Education in Canada, (81-229).
Ministry of Health, Fiscal Resources Branch and *Hospital Statistics*.
Council of Ontario Universities, *Financial Report of Ontario Universities*.

Notes: 1. Public Funded and Owned Institutions includes community colleges, but does not include hospitals and universities.
2. All numbers are as of December 31 of each year with the following exceptions: from 1977 on, data for hospitals are as of March 31; data for universities are as of the beginning of the school year, i.e. September 30.
3. Hospital employees exclude private and federal hospitals, but include public mental hospitals.

Table 28.3 Gross Annual Payroll: Provincial Government, Hospitals, Universities and Government Enterprises, Ontario, 1970 to 1985

Year	Government Departments	Boards, Commissions & Agencies	Public Funded & Owned Institutions	Provincial Government	Hospitals & Universities	Government Enterprises	Total
				$ millions			
1985	2,202	191	661	3,054	. .	1,339	. . .
1984	2,044	161	508	2,713	3,886	1,216	7,815
1983	2,046	141	504	2,691	3,595	1,266	7,552
1982r	1,832	127	442	2,400	3,301	1,260	6,961
1981r	1,593	113	398	2,103	2,843	1,086	6,032
1980	1,535	93	350	1,977	2,420	938	5,335
1979	1,364	73	326	1,763	2,163	855	4,781
1978	1,289	70	290	1,550	2,027	780	4,357
1977	1,208	60	279	1,547	1,905	675	4,127
1976	1,110	53	245	1,408	1,738	611	3,757
1975	1,010	45	205	1,260	1,554	558	3,372
1974	857	32	172	1,061	1,285	449	2,795
1973	734	25	142	901	1,061	408	2,370
1972	654	14	131	799	947	328	2,074
1971	629	13	70	764	860	332	1,956
1970	552	12	110	674	764	289	1,727

Sources: Statistics Canada, *Provincial Government Employment*, (72-007).
Education in Canada, (81-229).
Ministry of Health, Fiscal Resources Branch and *Hospital Statistics*.
Council of Ontario Universities, *Financial Report of Ontario Universities*.

Table 28.4 Employees in Provincial Government by Function, Ontario, 1973 to 1985

Year	General Government	Protection of Persons & Property	Transportation & Communications	Health	Social Services	Education	All Other	Total
					number			
1985	10,300	20,277	10,496	21,117	8,700	31,955	16,356	119,201
1984	10,696	19,866	10,643	17,952	8,268	31,084	14,795	113,304
1983	10,117	19,548	10,454	18,863	8,086	28,356	15,118	110,542
1982	9,656	19,422	10,887	17,825	7,597	27,582	15,517	108,486
1981	9,444	18,594	11,594	18,940	6,196	27,915	15,586	108,269
1980	9,492	19,260	12,940	18,106	7,192	27,542	14,668	109,200
1979	9,386	19,010	12,203	19,057	6,427	25,249	14,851	106,183
1978	9,272	18,410	12,313	19,922	6,624	24,349	14,870	105,760
1977	10,257	21,193	12,941	20,365	6,018	27,422	14,087	112,283
1976	9,475	20,700	13,052	21,225	4,047	23,249	14,430	106,178
1975	9,380	21,207	13,524	20,919	4,038	22,237	13,999	105,304
1974	9,200	20,272	14,257	21,734	3,881	20,900	13,774	104,018
1973	6,352	18,230	14,093	21,942	3,606	19,035	15,886	99,144

Source: Statistics Canada, *Provincial Government Employment*, (72-007).

Note: Prior to 1973 functional breakdowns are not comparable.

Table 28.5 Employees in Ontario Government Enterprises by Industry, Ontario, 1973 to 1985

Year	Manufacturing	Transportation & Communications	Public Utilities	Trade	Other	Total
			number			
1985	5,814	1,493	24,377	7,487	846	40,017
1984	4,734	1,528	23,814	7,234	524	37,834
1983	4,877	2,177	23,699	7,397	512	38,662
1982	5,767	2,251	24,077	7,613	520	40,228
1981	1,599	2,272	23,302	7,816	497	35,486
1980	1,956	2,117	22,746	5,976	470	33,265
1979	3,704	2,043	23,890	6,508	1,593	37,738
1978	4,203	2,040	23,474	8,495	1,601	39,813
1977	3,430	1,979	22,143	6,555	1,550	35,657
1976	2,941	1,866	19,787	8,218	2,449	35,261
1975	3,659	1,939	20,871	6,014	2,326	34,809
1974	3,322	2,077	20,170	5,738	2,368	33,675
1973	4,093	1,938	18,555	5,233	2,037	31,856

Sources: CANSIM.
Statistics Canada, *Provincial Government Employment*, (72-007).

Table 28.6 Provincial Government Employees by Ministry, Ontario, 1977 to 1985

Year	Health	Education	Community & Social Services	Colleges & Universities	Citizenship & Culture	Social Secretariat
			number			
1985	12,264	2,250	10,788	264	868	–
1984	12,172	2,295	10,881	590	808	80
1983	12,161	2,411	11,623	588	739	77
1982	12,273	2,425	11,621	602	764	77
1981	12,054	2,562	11,682	648	1,124	63
1980	12,024	2,640	11,716	647	1,200	61
1979	12,209	2,489	11,813	680	1,214	58
1978	12,457	2,552	11,607	715	1,215	60
1977	13,181	2,627	11,329	715	1,211	58

Table 28.6 (cont'd.)

Year	Transportation & Communications	Municipal Affairs	Housing	Natural Resources	Environment	Agriculture & Food	Tourism & Recreation
				number			
1985	9,900	550	991	5,359	1,701	2,137	856
1984	10,098	1,263	. . .	5,405	1,658	2,067	810
1983	10,419	1,305	. . .	5,276	1,594	1,973	904
1982	10,976	1,371	. . .	5,557	1,686	2,058	869
1981	11,600	1,333	. . .	6,346	1,569	1,984	. . .
1980	11,818	1,135	. . .	6,258	1,588	1,965	. . .
1979	12,150	2,191	. . .	6,365	1,592	1,814	. . .
1978	12,440	2,233	. . .	6,493	1,585	1,931	. . .
1977	13,048	2,537	. . .	7,035	1,631	2,323	. . .

Table 28.6 (cont'd.)

Year	Industry Trade & Technology	Ontario Development Corporations	Energy	Labour	Skills Development	Resources Secretariat
				number		
1985	548	176	250	1,472	476	10
1984	490	167	248	1,626	. . .	54
1983	473	167	259	1,555	. . .	56
1982	470	170	260	1,561	. . .	59
1981	716	162	187	1,495	. . .	58
1980	749	163	153	1,531	. . .	63
1979	768	176	105	1,332	. . .	76
1978	705	192	93	1,217	. . .	91
1977	659	203	84	1,098	. . .	81

Table 28.6 (cont'd.)

Year	Solicitor General	Attorney General	Correctional Services	Consumer & Commercial Relations	Justice Secretariat
			number		
1985	2,203	5,370	6,523	2,459	–
1984	2,121	5,342	6,003	2,549	23
1983	2,091	5,184	5,903	2,497	20
1982	2,223	5,336	5,787	2,242	20
1981	2,219	5,318	5,575	2,227	13
1980	2,010	5,419	5,543	2,351	14
1979	2,006	5,208	5,380	2,277	14
1978	1,966	4,988	5,413	2,213	16
1977	1,955	4,904	5,544	2,224	13

Table 28.6 (cont'd.)

Year	Revenue	Government Services	Treasury & Economics	Northern Development & Mines	Management Board	Civil Service Commission
				number		
1985	4,008	3,069	447	387	94	268
1984	4,054	2,979	453	203	89	231
1983	4,057	2,987	451	206	71	215
1982	4,088	3,064	443	227	86	240
1981	3,940	3,052	440	199	80	210
1980	3,808	2,976	411	198	68	214
1979	3,873	3,048	475	194	79	205
1978	3,903	3,107	494	198	87	243
1977	4,024	3,333	767	147	88	261

Table 28.6 (cont'd.)

Year	Inter-governmental Affairs	Legislative & Executive Offices	O.P.P. Uniformed Staff & Security Guards	Environment Plant Operators	Total Staff Strength
			number		
1985	70	207	4,431	751	81,147
1984	86	162	4,342	703	80,052
1983	86	104	4,299	685	80,436
1982	79	101	4,294	692	81,721
1981	62	100	4,169	657	81,844
1980	291	94	4,126	645	81,879
1979	248	101	4,134	655	82,929
1978	247	102	4,107	653	83,323
1977	–	104	4,136	624	85,944

Source: Civil Service Commission.

Notes: 1. All numbers are as of December 31 of each year.
2. Excludes staff of the Lieutenant Governor, Legislative Assembly, Ombudsman and Provincial Auditor.
3. Figures include classified, unclassified and other Crown Employees but exclude staff who work under the BILD program.
4. Between 1977 and 1985, there were several reorganizations in the Ontario Government:

(a) In 1977, the Ministry of Northern Affairs was established. The Ministry of Northern Development and Mines was established in November 1985, from the former Ministry of Northern Affairs and the Division of Mines and Minerals which was transferred from the Ministry of Natural Resources.

(b) In 1978, the Ministry of Intergovernmental Affairs was formed and separated from the former Ministry of Treasury, Economics and Intergovernmental Affairs.

(c) In 1980, the Municipal Affairs Division of the Ministry of Intergovernmental Affairs was transferred to the Ministry of Housing to form the Ministry of Municipal Affairs and Housing. The responsibility for operations of Ontario Housing and 1,057 employees were transferred to local housing authorities effective November 1980. In June 1985, the Ministry of Municipal Affairs and Housing was split into the Ministry of Municipal Affairs and the Ministry of Housing.

(d) In 1982, the Ministry of Tourism and Recreation was formed, assuming the tourism function from the Ministry of Industry and Tourism, and the recreation function from the Ministry of Culture and Recreation, which was renamed the Ministry of Citizenship and Culture.

(e) The Ministry of Industry, Trade and Technology, formerly the Ministry of Industry and Trade, was renamed in June 1985.

(f) The creation of the Ministry of Skills Development, announced in March 1985, brought together programs which previously existed in the Ministry of Colleges and Universities, the Secretariat for Social Development, the Ministry of Treasury and Economics, the Ministry of Labour and the former Ministry of Municipal Affairs and Housing.

(g) As of 1985, the Justice Secretariat and Social Secretariat no longer exist.

Table 28.7 Federal Government and Government Enterprise Employees, Ontario, Other Regions of Canada, and Outside Canada, 1971 to 1985

	General Government						
Year	Ontario	Atlantic	Quebec	West	Outside Canada	Total	Ontario % of Total
				number			
1985	144,876	57,149	66,081	92,963	14,447	375,516	38.6
1984	173,623	63,016	83,838	113,245	13,453	447,175	38.8
1983	173,617	62,656	82,908	111,714	13,543	444,438	39.1
1982	175,294	62,266	82,423	113,700	13,686	447,369	39.2
1981	172,675	63,454	81,702	113,418	11,978	443,227	39.0
1980	166,110	61,147	79,995	108,901	11,872	428,025	38.8
1979	167,552	59,513	76,488	107,408	12,067	423,028	39.6
1978	178,683	60,936	74,069	111,672	12,982	438,342	40.8
1977	191,859	61,457	70,855	111,690	12,795	448,656	42.8
1976	192,548	59,504	68,984	110,595	12,690	444,321	43.3
1975	172,797	56,183	63,175	98,578	15,076	405,809	42.6
1974	169,899	54,763	60,251	95,604	14,334	394,851	43.0
1973	170,198	48,482	54,223	87,712	11,699	372,314	45.7
1972	146,946	50,523	58,663	90,515	11,491	358,138	41.0
1971	144,987	49,717	54,893	91,674	11,649	352,920	41.1

Table 28.7 (cont'd.)

	Government Enterprises						
Year	Ontario	Atlantic	Quebec	West	Outside Canada	Total	Ontario % of Total
	number						
1985	69,639	20,623	58,259	58,181	5,692	212,394	32.8
1984	36,406	14,700	41,772	37,443	5,432	135,753	26.8
1983	37,530	14,945	40,855	36,630	6,333	136,293	27.5
1982	38,326	15,158	41,443	34,988	6,468	136,383	28.1
1981	40,748	16,470	44,474	37,631	7,769	147,092	27.7
1980	46,105	17,711	44,925	38,478	8,990	156,209	29.5
1979	45,796	17,863	44,239	37,882	8,018	153,798	29.8
1978	42,811	17,250	40,212	34,596	8,289	143,158	29.9
1977	41,887	17,638	38,718	33,974	8,157	140,374	29.8
1976	36,815	18,089	36,160	32,727	8,052	131,843	27.9
1975	36,538	18,755	36,449	32,489	7,815	132,046	27.7
1974	37,136	19,649	37,892	32,856	8,346	135,879	27.3
1973	43,736	22,153	36,505	32,557	8,685	143,636	30.4
1972	40,515	21,833	35,287	31,886	8,620	138,141	29.3
1971	40,121	20,654	33,792	31,181	8,918	134,666	29.8

Table 28.7 (cont'd.)

	Total						
Year	Ontario	Atlantic	Quebec	West	Outside Canada	Total	Ontario % of Total
	number						
1985	214,515	77,772	124,340	151,144	20,139	587,910	36.5
1984	210,029	77,716	125,610	150,688	18,885	582,928	36.0
1983	211,147	77,601	123,763	148,344	19,876	580,731	36.4
1982	213,620	77,424	123,866	148,688	20,154	583,752	36.6
1981	213,423	79,924	126,176	151,049	19,747	590,319	36.2
1980	212,215	78,858	124,920	147,379	20,862	584,234	36.3
1979	213,348	77,376	120,727	145,290	20,085	576,826	37.0
1978	221,494	78,186	114,281	146,268	21,271	581,500	38.1
1977	233,746	79,095	109,573	145,664	20,952	589,030	39.7
1976	229,363	77,593	105,144	143,322	20,742	576,164	39.8
1975	209,335	74,938	99,624	131,067	22,891	537,855	38.9
1974	207,035	74,412	98,143	128,460	22,680	530,730	39.0
1973	213,934	70,635	90,728	120,269	20,384	515,950	41.5
1972	187,461	72,356	93,950	122,401	20,111	496,279	37.8
1971	185,108	70,371	88,685	122,855	20,567	487,586	38.0

Sources: CANSIM.
Statistics Canada, *Federal Government Employment*, (72-004).

Note: In 1985, the government enterprise universe includes the Canada Post Corporation which was previously part of the general government universe.

Table 28.8 Federal Government Employees by Occupational Categories, Canada, 1971 to 1985

Year	Executive, Scientific & Professional	Administration & Foreign Services	Technical	Administrative Support	Operational	Other	Total
				number			
1985	30,102	60,204	29,658	76,938	46,817	131,797	375,516
1984	32,054	61,046	29,953	81,100	111,337	131,685	447,175
1983	29,695	60,058	29,580	80,911	109,668	134,526	444,438
1982	28,161	58,991	29,836	81,590	111,386	137,405	447,369
1981	25,404	56,878	29,235	80,850	114,325	136,535	443,227
1980	24,626	52,954	28,259	78,548	112,292	131,346	428,025
1979	25,147	51,539	27,822	74,622	111,181	132,717	423,028
1978	25,159	53,820	28,703	78,704	113,882	138,074	438,342
1977	26,059	53,179	28,949	79,975	117,029	143,465	448,656
1976	25,872	51,076	28,253	80,156	113,928	145,036	444,321
1975	24,974	48,400	27,263	79,064	101,079	125,029	405,809
1974	23,065	43,164	24,539	78,715	98,254	127,086	394,851
1973	21,605	35,883	23,211	77,611	96,300	117,704	372,314
1972	19,986	32,387	21,491	67,075	90,530	126,669	358,138
1971	17,986	28,197	19,168	55,781	85,126	146,662	352,920

Sources: CANSIM.
Statistics Canada, *Federal Government Employment*, (72-004).

Notes: 1. Excludes government enterprises.
2. Members of the Armed Forces are included in the Other category.

Table 28.9 Federal Government Gross Annual Payroll by Occupational Categories, Canada, 1971 to 1985

Year	Executive, Scientific & Professional	Administration & Foreign Services	Technical	Administrative Support	Operational	Other	Total
				$ millions			
1985	1,363	2,089	958	1,622	1,463	3,804	11,300
1984	1,380	2,063	948	1,671	2,592	3,629	12,285
1983	1,214	1,932	894	1,584	2,514	3,407	11,544
1982	1,055	1,780	838	1,523	2,474	3,136	10,807
1981	844	1,469	681	1,269	1,963	2,662	8,889
1980	750	1,252	618	1,009	1,838	2,378	7,846
1979	692	1,204	559	983	1,602	2,157	7,198
1978	650	1,104	523	930	1,525	2,018	6,750
1977	603	1,012	483	865	1,488	1,856	6,307
1976	539	878	438	767	1,264	1,464	5,350
1975	474	759	365	699	967	1,578	4,841
1974	385	570	288	632	858	1,412	4,145
1973	324	463	242	498	736	1,216	3,479
1972	276	390	200	394	603	1,215	3,078
1971	238	310	173	328	561	1,013	2,622

Sources: CANSIM.
Statistics Canada, *Federal Government Employment*, (72-004).

Notes: 1. See Table 28.8, note 1.
2. The unusually high gross annual payroll for 1982 was mainly due to retroactive contract wage settlements.

Table 28.10 Municipal Employees by Function, Ontario, 1977 to 1984

Year	General Government	Fire	Police	Transit	Public Works	Health Services
			number			
1984	9,555	8,852	14,025	9,971	21,535	5,642
1983	9,733	8,749	14,016	9,712	21,525	5,429
1982^{r}	10,197	8,715	15,289	8,761	21,276	4,772
1981	10,534	8,474	15,074	7,629	22,945	4,256
1980	11,172	7,914	14,708	7,444	23,142	4,196
1979	9,196	7,980	14,708	6,894	24,083	4,279
1978	9,712	8,575	14,473	7,222	22,261	4,025
1977	9,551	8,623	13,467	6,452	22,770	3,524

Table 28.10 (cont'd.)

Year	Social Services	Parks & Recreation	Libraries	Planning & Development	Non-departmental Staff	Total
			number			
1984	11,326	6,884	3,695	1,479	16,460	109,424
1983	10,804	6,649	3,642	1,447	15,960	107,666
1982^{r}	10,910	6,648	3,887	1,442	13,707	105,604
1981	9,139	5,647	2,818	1,085	16,381	103,982
1980	9,422	4,101	2,473	866	16,915	102,825
1979	9,044	4,127	2,642	939	17,387	101,279
1978	8,505	4,203	3,081	1,020	17,987	101,064
1977	8,643	. .	2,669	. .	24,086	99,785

Source: Ministry of Municipal Affairs, Municipal Management Policy Branch, Municipal Analysis and Retrieval System.

Note: These figures are obtained from unaudited municipal financial reports and are full time employees as of December 31. They do not include employees of conservation authorities, children's aid societies, municipal enterprises such as hydro commissions, gas and telephone utilities and other unconsolidated boards and agencies (e.g. humane societies, harbour commissions, regional library systems).

Table 28.11 Local Government Employees and Gross Annual Payroll, Ontario, 1971 to 1985

Year	Municipal		School Boards		Total	
	Employees	Annual Payroll	Employees	Annual Payroll	Employees	Annual Payroll
	#	$ millions	#	$ millions	#	$ millions
1985	135,696	3,047	141,440	5,406	277,136	8,453
1984	134,187	2,856	138,501	5,067	272,688	7,923
1983	132,486	2,710	137,201	4,751	269,687	7,461
1982^{r}	130,775	2,484	135,641	4,315	266,416	6,799
1981^{r}	123,113	2,137	133,783	3,787	256,896	5,924
1980^{r}	120,441	1,863	136,404	3,382	256,845	5,245
1979^{r}	117,307	1,636	136,833	3,109	254,140	4,745
1978^{r}	117,207	1,522	138,491	2,882	255,698	4,404
1977^{r}	114,967	1,414	92,226	2,667	207,193	4,081
1976^{r}	110,188	1,264	93,159	2,414	203,347	3,678
1975^{r}	105,742	1,105	92,993	1,951	198,735	3,056
1974^{r}	102,975	917	90,909	1,629	193,884	2,546
1973	97,170	799	90,519	1,118	187,689	1,917
1972	92,839	709	92,540	1,058	185,379	1,767
1971	89,423	616	92,798	970	182,221	1,586

Sources: Statistics Canada, *Local Government Employment*, (72-009).
Ministry of Education, *Education Statistics*.
Financial Services Branch, Grants Services Section.

Notes:
1. Municipal employees are as of December 31 of each year, while school board employment is indicated by the beginning of each school year, i.e. September 30.
2. See Table 28.1, note 2.
3. In 1985, School Boards Employees includes 4,890.4 (full-time equivalents) Roman Catholic secondary employees.

Table 28.12 Employees in Education Sector, Ontario, 1970 to 1984

Year	Elementary Schools	Secondary Schools	Colleges	Universities
		number		
1984	89,015	49,486	6,040	13,434
1983	87,740	49,461	5,921	13,282
1982^r	85,824	49,817	5,838	13,106
1981	84,007	49,776	5,553	12,973
1980^r	85,251	51,153	5,651	12,865
1979^r	85,554	51,279	5,215	12,827
1978^r	87,250	51,241	5,004	12,805
1977^r	56,772	35,454	5,073	12,756
1976	57,807	35,352	5,007	12,650
1975	58,167	34,826	4,580	12,290
1974	56,678	34,231	4,300	12,115
1973	56,630	33,889	4,300	11,650
1972	57,991	34,549	4,500	11,015
1971	58,329	34,469	4,361	10,666
1970	59,307	33,693	4,251	9,306

Sources: Statistics Canada, *Education in Canada, (81-229).*
Education, Culture and Tourism Division.
Ministry of Education, *Education Statistics.*

Notes: 1. College and University employees are full-time academic staff only.
2. Prior to 1978, employees in elementary and secondary schools are full-time teachers only, while later years show full-time equivalents of all employees of school boards.

Table 28.13 Number of Employees and Gross Annual Payroll in Hospitals and Universities, Ontario, 1970 to 1984

	Hospitals		Universities	
Year	Employees	Annual Payroll	Employees	Annual Payroll
	#	$ million	#	$ million
1984	145,058	3,240	13,434	646
1983	141,364	2,992	13,282	603
1982^r	138,866	2,735	13,106	566
1981^r	134,947	2,345	12,973	498
1980^r	129,254	1,977	12,865	443
1979^r	125,166	1,755	12,827	408
1978^r	124,027	1,638	12,805	389
1977^r	124,721	1,550	12,756	355
1976	118,035	1,417	12,650	321
1975	121,319	1,270	12,290	284
1974	121,071	1,051	12,115	234
1973	116,479	851	11,650	210
1972	118,595	755	11,015	192
1971	115,156	687	10,666	173
1970	111,790	614	9,306	150

Sources: Statistics Canada, *Education in Canada, (81-229).*
Council of Ontario Universities, *Financial Report of Ontario Universities.*
Ministry of Health, Fiscal Resources Branch and *Hospital Statistics.*

Notes: 1. University employees are full-time academic staff only because non-academic employees are not available. The employee numbers are as of the beginning of each school year, i.e. September 30.
2. Hospital employees are full-time and part-time employees, but exclude those in private and federal hospitals.
3. Prior to 1977, hospital employees are as of December 31 of each year. From 1977 onwards, they are as of March 31.

Chapter 29
Health

Health

Health care in Ontario involves all three levels of government as well as the private sector. Delivery of health care is the responsibility of the Provincial Government. The major component of Provincial activity is through the hospital system, and through payments to doctors under the Ontario Health Insurance Plan. The Province administers many other health programs and services, and delegates authority for other services to local governments, particularly through public health units and homes for the aged.

The federal government provides significant funding to provinces for health purposes under the Federal-Provincial Fiscal Arrangements and Federal Post-Secondary Education and Health Contributions Act, 1977. The federal government also provides some direct health services to groups such as members of the Armed Forces, federal civil servants, federal prison inmates and veterans. Other agencies actively involved in the Ontario health care system include non-profit voluntary associations and foundations, and nursing homes. These agencies and institutions obtain revenues from both public and private sources. Private health insurance is funded mostly by employers on behalf of employees, while individuals have out-of-pocket expenses for dental services, drugs and other health items.

This chapter presents financial statistics on health expenditures, employment within the health care system, and selected institutional statistics of a general nature.

The World Health Organization defines health as a "state of complete physical and mental and social well-being". This definition is too broad to be workable in a financial context. Therefore, some modifications are necessary. Firstly, it is necessary to distinguish health spending from general assistance programs. In this respect, social spending is classified as health spending only if provided by an organized agency for rehabilitative or retardation services. For example, a retarded person receiving financial support in some form from an institution or association is included to the extent of the financial support. Secondly, the following cost components are excluded from health care expenditures presented in this chapter:

- the costs of providing facilities and incentive for physical fitness other than that covered by rehabilitative services;
- costs associated with water treatment and sewage disposal;
- pension payments resulting from insurance for work time lost, such as provided by sick leave plans, or Workers' Compensation Board;
- health services people perform for themselves, their family or friends;
- unpaid volunteer work, particularly in the hospitals and voluntary associations and foundations.

Expenditure data developed for Canada and the provinces by Health and Welfare Canada in their publication *Health Expenditures in Canada, 1975-1985*:

- include residential care spending in homes for the aged;
- exclude some Provincial Government health expenditures not associated directly with the Ontario Ministry of Health;
- do not include post-secondary training for health professionals unless such training occurs in a hospital setting.

The special care facility grouping was introduced in 1976 by Statistics Canada to include all facilities which serve chronically ill or disabled persons on a more or less permanent basis. The category includes nursing homes, homes for the aged, retardation hospitals and homes for emotionally disturbed children. In 1985, 1,682 such facilities are identified in Ontario with over 90,000 beds. However, not all these beds should be defined as part of the health care system. For example, the residential program in homes for the aged, homes for delinquents, unmarried mothers, transients, etc., should not be included as health. This presents some problems in terms of incorporating these facilities as a grouping into the health care definition. An even more serious problem is the low number of facilities (about 40%) that report regularly to Statistics Canada. These considerations currently limit the use of the data series on special care facilities for health statistics.

Statistics on numbers of physicians, dentists, nurses, chiropractors, physiotherapists, etc., indicate a basic inventory of trained personnel active in the health care system. Most employment in the health care system is in institutions, particularly in hospitals. In 1982/83, full and part-time employment within hospitals totalled over 135,000.

Sources of Data

Statistics Canada has a wealth of information on hospitals, producing several regular publications and occasional reports available in Catalogue series number 83. The Ontario Ministry of Health publishes *Hospital Statistics* on an annual basis. More detailed information on employment in the health care system is available in the *Canada Health Manpower Inventory*, developed by Health and Welfare Canada. Other information on health manpower is published by Statistics Canada. For example, there are four publications dealing with nursing. Also, the Ministry of Health develops statistics on health manpower within the Policy Analysis and Research Branch. Further information on health care statistics can be obtained from the Information Resources and Services Branch of the Ministry of Health, telephone Toronto, 965-8163. Detailed data on alcohol and drug use is available from the Addiction Research Foundation, telephone Toronto, 595-6000.

Health

Charts:

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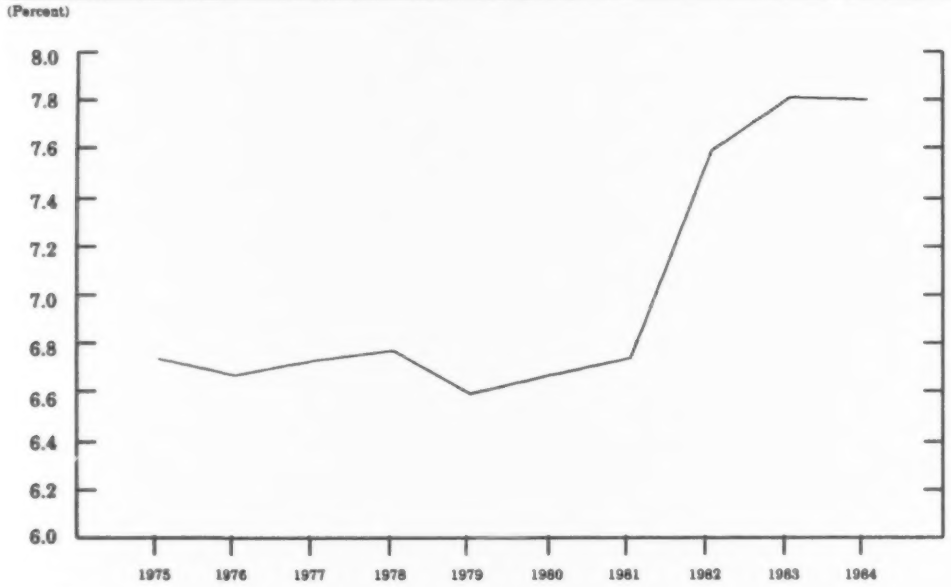
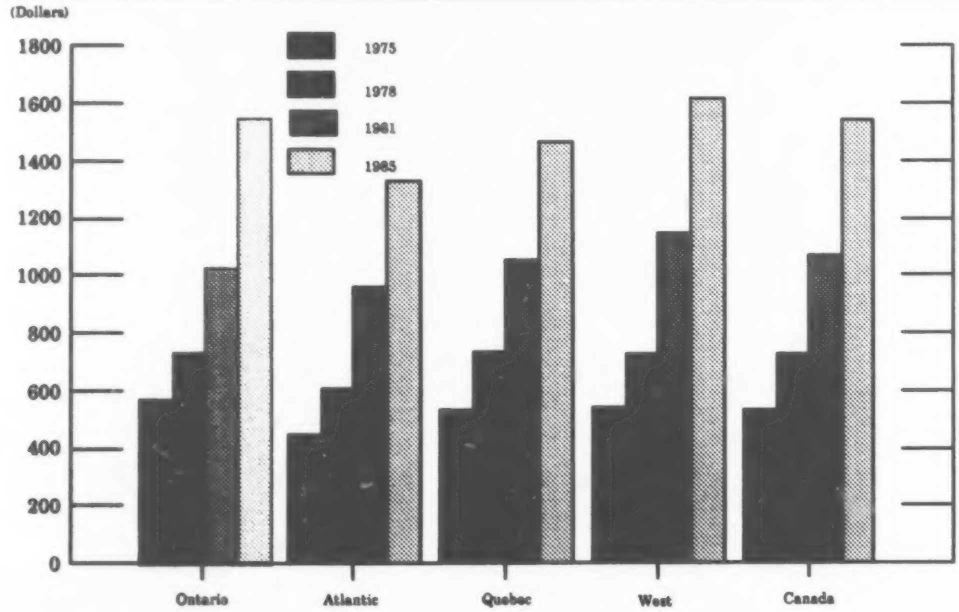
Chart 29.1 Health Expenditures as a Percentage of Gross Provincial Product, Ontario, 1975 to 1984



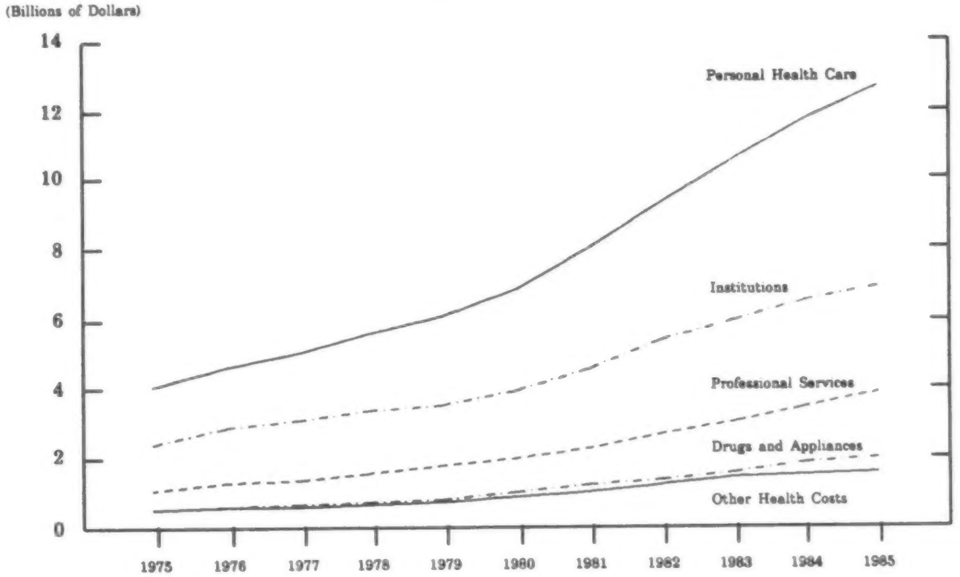
Refer to Table 29.1

Chart 29.2 Health Expenditures Per Person, Ontario and Other Regions of Canada, Selected Years, 1975 to 1985



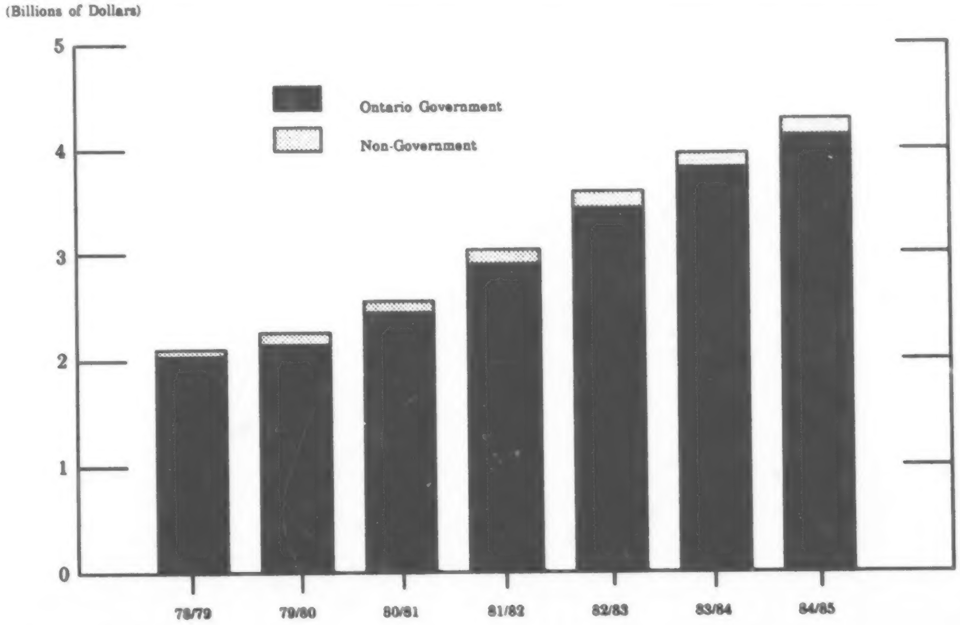
Refer to Table 29.2

Chart 29.3 Health Expenditures by Type of Service, Ontario, 1975 to 1985



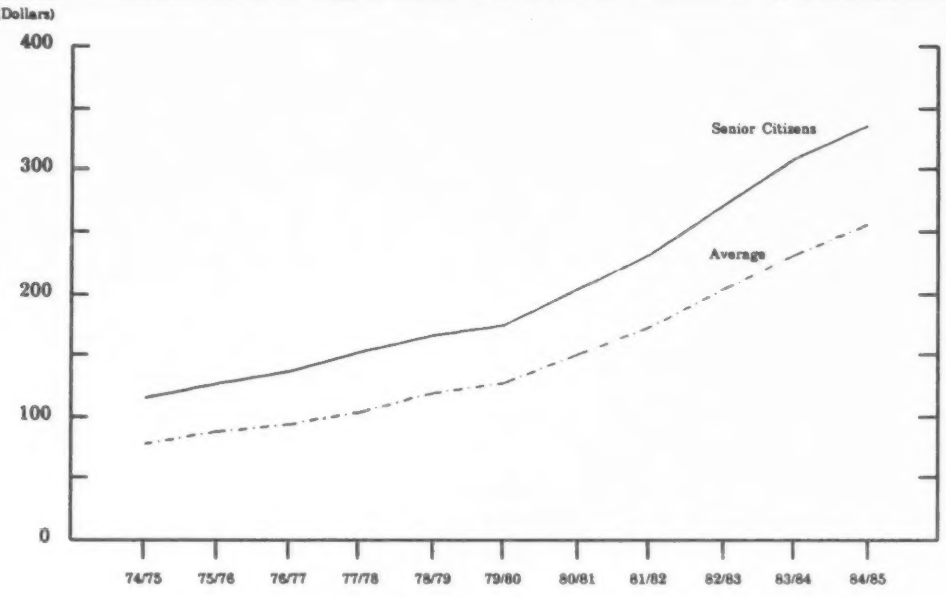
Refer to Table 29.3

Chart 29.4 Operating Revenue of Public Hospitals by Source of Funding, Ontario, 1978/79 to 1984/85



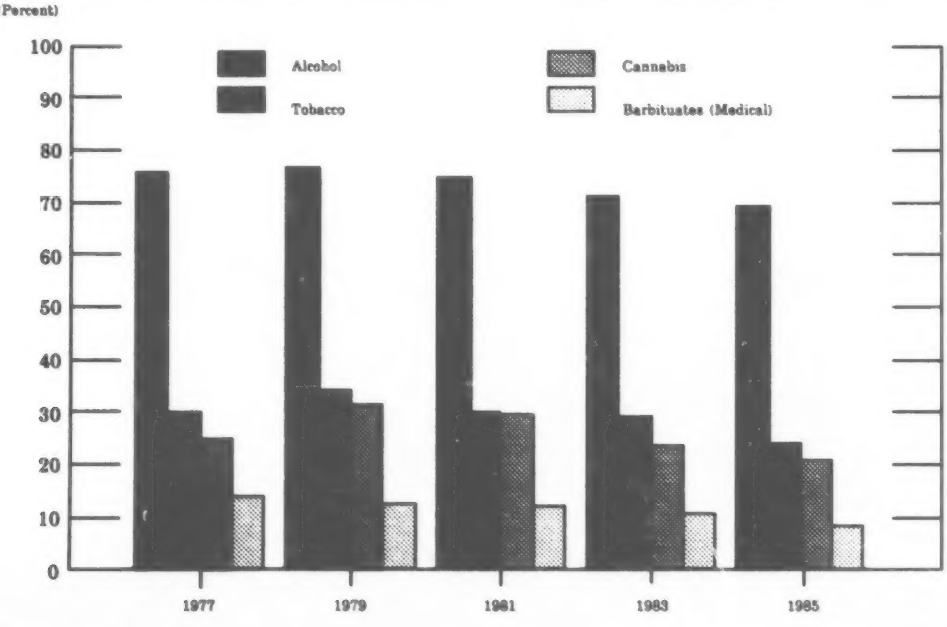
Refer to Table 29.9

Chart 29.5 OHIP, Average Per Capita Costs, Ontario, 1974/75 to 1984/85



Refer to Table 29.12

Chart 29.6 Alcohol and Other Drug Use Among Students in Grade 7 to 13, Selected Years, Ontario, 1977 to 1985



Refer to Table 29.20

Table 29.1 Health Expenditures, Ontario and Other Regions of Canada, 1975 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1985P	14,098.6	3,141.7	9,700.9	12,223.4	39.164.7	36.0
1984P	13,089.3	2,969.5	9,130.3	11,632.5	36,821.7	35.5
1983	11,845.5	2,754.0	8,517.3	11,017.9	34,134.6	34.7
1982	10,416.1	2,495.5	7,771.8	10,049.0	30,732.4	33.9
1981	8,894.4	2,134.6	6,808.5	8,408.9	26,246.5	33.9
1980	7,653.2	1,789.2	5,907.5	7,008.5	22,358.5	34.2
1979	6,793.5	1,539.7	5,156.2	5,668.5	19,157.8	35.5
1978	6,183.9	1,339.0	4,619.4	4,921.9	17,064.2	36.2
1977	5,607.7	1,206.9	4,110.2	4,465.9	15,390.7	36.4
1976	5,106.3	1,104.1	3,781.6	4,005.7	13,997.9	36.5
1975	4,478.9	961.9	3,284.3	3,423.1	12,148.2	36.9

Source: Health and Welfare Canada, *National Health Expenditures in Canada.*

Note: West includes Yukon and the Northwest Territories.

Table 29.2 Health Expenditures Per Person, Ontario and Other Regions of Canada, 1975 to 1985

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1985P	1,553.56	1,335.20	1,472.97	1,867.25	1,543.26	100.7
1984P	1,462.00	1,271.06	1,394.15	1,762.56	1,464.75	99.8
1983	1,340.90	1,198.64	1,307.94	1,681.69	1,370.32	97.9
1982	1,193.82	1,110.26	1,198.98	1,536.35	1,245.32	95.9
1981	1,030.76	966.43	1,056.90	1,231.69	1,076.53	95.7
1980	892.50	830.73	924.21	1,049.69	928.88	96.1
1979	798.67	705.44	812.90	891.12	805.98	99.1
1978	732.25	610.40	732.55	808.04	725.03	101.0
1977	670.70	546.38	653.76	732.31	660.52	101.5
1976	617.22	504.09	606.03	663.55	607.67	101.6
1975	547.41	449.37	531.01	553.04	534.54	102.4

Source: Health and Welfare Canada, *National Health Expenditures in Canada.*

Note: See note, Table 29.1.

Table 29.3 Health Expenditures by Type of Service, Ontario and Other Regions of Canada, 1975 to 1985

Year	Personal Health Care	Institutions	Pro-fessional Services	Drugs & Appliances	Other Health Costs	Total
			$ millions			
1985p						
Ontario	12,596.4	6,850.5	3,779.9	1,966.0	1,502.2	14,098.6
Atlantic	2,792.0	1,782.7	537.6	471.8	349.7	3,141.7
Quebec	8,482.0	5,581.8	1,830.4	1,069.8	1,218.9	9,700.9
West	10,468.9	6,228.9	2,805.8	1,434.2	1,754.5	12,223.4
Canada	34,339.4	20,443.9	8,953.7	4,941.8	4,825.3	39,164.7
Ontario % of Canada	36.7	33.5	42.2	39.8	31.1	36.0
Ontario						
1984p	11,600.1	6,426.5	3,417.1	1,756.5	1,489.2	13,089.3
1983	10,497.1	5,941.0	3,022.4	1,533.7	1,348.4	11,845.5
1982	9,251.7	5,306.1	2,628.2	1,317.4	1,164.4	10,416.1
1981	7,915.1	4,540.7	2,239.2	1,135.1	979.3	8,894.4
1980	6,795.7	3,900.6	1,937.6	957.5	857.6	7,653.2
1979	6,048.2	3,514.8	1,701.4	832.1	745.3	6,793.5
1978	5,537.6	3,299.4	1,509.4	728.7	646.3	6,183.9
1977	5,009.4	3,048.5	1,332.8	628.1	598.3	5,607.7
1976	4,578.5	2,817.4	1,180.6	580.5	527.8	5,106.3
1975	3,993.2	2,418.0	1,057.8	517.4	485.7	4,478.9

Source: Health and Welfare Canada, *National Health Expenditures in Canada.*

Notes: 1. See note, Table 29.1.
2. Total consists of Personal Health Care and Other Health Costs.

Table 29.4 Health Expenditures by Sector, Ontario and Other Regions of Canada, 1975 to 1985

	Public Sector					
Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1985p	9,797.6	2,407.0	7,655.2	9,757.9	29,617.8	33.1
1984p	9,114.3	2,300.2	7,297.7	9,159.5	27,871.6	32.7
1983	8,235.8	2,142.1	6,830.5	8,708.6	25,917.1	31.8
1982	7,297.6	1,940.1	6,242.5	7,769.1	23,249.5	31.4
1981	6,262.4	1,638.6	5,415.7	6,473.9	19,790.7	31.6
1980	5,274.1	1,359.3	4,744.4	5,317.3	16,695.0	31.6
1979	4,690.2	1,171.2	4,233.4	4,412.9	14,507.5	32.3
1978	4,415.1	1,034.6	3,794.0	3,710.4	12,953.9	34.1
1977	4,107.9	951.1	3,418.4	3,341.7	11,819.1	34.8
1976	3,775.9	871.2	3,109.0	3,032.0	10,788.5	35.0
1975	3,260.7	767.1	2,654.0	2,581.4	9,263.0	35.2

Table 29.4 (cont'd.)

Year	Private Sector					
	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
	$ millions					
1985^p	4,301.1	734.7	2,045.7	2,468.6	9,550.2	45.0
1984^p	3,975.0	668.6	1,832.6	2,482.9	8,959.2	44.4
1983	3,609.6	610.9	1,679.5	2,309.4	8,209.4	44.0
1982	3,118.4	554.8	1,502.5	2,279.7	7,455.6	41.8
1981	2,632.0	495.6	1,377.9	1,934.7	6,440.3	40.9
1980	2,379.0	429.8	1,163.1	1,691.2	5,663.2	42.0
1979	2,103.4	367.7	922.8	1,255.6	4,649.5	45.2
1978	1,768.9	303.8	825.2	1,211.7	4,109.5	43.0
1977	1,499.8	252.3	691.1	1,124.6	3,567.7	42.0
1976	,330.5	222.0	672.6	973.6	3,198.9	41.6
1975	,218.2	195.0	630.3	841.9	2,885.3	42.2

Source: Health and Welfare Canada, *National Health Expenditures in Canada.*

Note: See note, Table 29.1.

Table 29.5 Expenditures on Institutional and Related Services, Ontario, 1975 to 1985

Year	Hospitals	Other Institutions	Home Care	Ambulance	Total
			$ millions		
1985^p	5,509.9	1,067.1	136.6	136.9	6,850.5
1984^p	5,161.1	1,030.7	107.7	126.9	6,426.5
1983	4,759.8	969.8	101.9	109.5	5,941.0
1982	4,253.5	868.6	84.8	99.2	5,306.1
1981	3,637.0	754.0	65.3	84.4	4,540.7
1980	3,072.7	709.6	47.1	71.1	3,900.6
1979	2,806.3	614.3	35.6	58.6	3,514.8
1978	2,692.3	527.3	27.3	52.4	3,299.4
1977	2,538.5	441.2	22.5	46.2	3,048.5
1976	2,400.3	362.0	19.0	36.1	2,817.4
1975	2,051.9	319.5	14.9	31.7	2,418.0

Source: Health and Welfare Canada, *National Health Expenditures in Canada.*

Table 29.6 Expenditures on Drugs and Appliances, Ontario, 1975 to 1985

Year	Drugs		Eyeglasses	Hearing Aids	Appliances & Other Prostheses	Total
	Prescribed	Non-prescribed				
			$ millions			
1985^p	932.6	710.8	256.7	23.8	42.1	1,966.0
1984^p	809.4	651.5	238.4	22.7	34.6	1,756.5
1983	738.4	529.9	217.5	18.9	29.1	1,533.7
1982	647.4	449.6	182.4	15.1	23.0	1,317.4
1981	533.7	419.4	149.3	12.3	20.4	1,135.1
1980	433.1	379.3	115.5	10.4	19.1	957.5
1979	384.9	317.3	103.2	9.6	17.1	832.1
1978	358.9	250.4	97.1	6.8	15.5	728.7
1977	314.8	206.6	85.9	5.3	15.5	628.1
1976	286.4	201.4	73.2	4.4	15.0	580.5
1975	240.7	194.9	63.5	4.7	13.5	517.4

Source: Health and Welfare Canada, *National Health Expenditures in Canada.*

Table 29.7 Expenditures by Program, Ministry of Health, Ontario, 1981/82 to 1984/85

Year	Ministry Administration	Institutional Health Program: Program Administration	Institutional Health Program: Emergency Health Services	Institutional Health Program: Institutional Care Services	Institutional Health Program: Laboratory Services	Institutional Health Program: Total
				$ millions		
1984/85	85.3	1.0	124.8	4,719.3	22.1	4,867.3
1983/84	78.6	0.6	106.0	4,317.4	21.3	4,445.4
1982/83	79.1	0.3	96.8	3,881.0	20.6	4,031.6
1981/82	61.7	0.3	83.1	3,398.3	18.6	3,533.2

Table 29.7 (cont'd.)

Year	Public & Mental Health Program: Program Administration	Public & Mental Health Program: Mental Health	Public & Mental Health Program: Health Programs	Public & Mental Health Program: Experience Program	Public & Mental Health Program: Total
			$ millions		
1984/85	0.4	391.2	237.9	0.3	629.7
1983/84	0.9	367.9	230.9	0.5	600.2
1982/83	0.3	335.1	209.6	0.3	545.3
1981/82	0.3	268.4	193.7	0.3	462.6

Table 29.7 (cont'd.)

Year	Health Insurance Program: Health Insurance & Benefits	Health Insurance Program: Reserve for Outstanding Cheques	Health Insurance Program: Total	Total
			$ millions	
1984/85	2,760.1	0.4	2,760.6	8,342.9
1983/84	2,458.3	1.2	2,459.5	7,583.8
1982/83	2,112.4	1.7	2,114.0	6,770.1
1981/82	1,754.1	0.1	1,755.0	5,812.6

Source: Ministry of Treasury and Economics, *Public Accounts, Ontario.*

Notes: 1. Data refer to fiscal year ending March 31.

2. Total Health Insurance Program expenditure for fiscal year 1982/83 includes $14,564 for deposit and trust accounts under the Financial Administration Act.

3. Total Institutional Health Program expenditure for the years 1982/83 and 1981/82, includes $33 million to Lottery Trust Fund.

Table 29.8 Health Expenditures of Local Governments, Ontario, 1979 to 1984

Year	Public Health Services	Public Health Inspections & Control	Hospital	Ambulance Services	Cemeteries	Other	Total
				$ 000's			
1984	188,665	13,860	21,355	38,813	13,232	70	275,995
1983	173,397	11,866	19,495	33,941	12,904	64	251,667
1982	151,298	10,909	17,821	29,968	11,703	172	221,871
1981	129,169	9,757	18,807	25,241	10,431	993	194,398
1980	110,374	8,792	17,786	24,998	9,043	731	171,724
1979	97,572	7,102	17,155	18,889	8,250	771	149,739

Source: Ministry of Municipal Affairs, Municipal Analysis and Retrieval System (MARS).

Notes: 1. Local government expenditures on Public Health Services includes consolidated health unit costs, contributions to district councils, requisition of unconsolidated health units, communicable disease control (including immunization and vaccination), care of indigents (medical attention out of hospital, drugs), grants to voluntary health organizations, school dental care and administration.

2. Public Health Inspections and Control refers to water, food, public eating places and other public health inspections, disinfestation of premises, medical centre expenditures and administration.

3. Hospital expenditures include grants to public hospitals, contributions to municipally-owned hospitals and hospital debt met from municipal revenues.

4. Expenditures on Ambulance Services include municipally operated ambulance services, contributions to privately operated ambulance services and administration.

5. Cemetery expenditures include cemetery boards, morgues, contributions to private cemeteries and administration.

Table 29.9 Operating Revenue of Public Hospitals by Source of Funding, Ontario, 1978/79 to 1984/85

Year	Ministry of Health		Federal Government	Workers' Compensation Board	Canadian Residents of Other Provinces	Uninsured & Non-residents of Canada	Other	Total
	Approved Allocation	Medical Billings						
				$ millions				
1984/85	3,986.0	119.4	20.5	47.3	86.5	44.7	0.8	4,305.2
1983/84	3,687.4	108.1	19.7	40.6	85.5	39.0	1.1	3,981.5
1982/83	3,345.2	90.0	19.1	36.2	75.9	36.0	0.8	3,603.3
1981/82	2,824.2	74.5	17.9	33.5	65.8	28.0	0.7	3,044.5
1980/81	2,396.0	60.8	16.1	30.1	54.0	24.1	0.7	2,581.7
1979/80	2,113.2	51.4	17.3	29.3	47.4	20.4	0.4	2,279.5
1978/79	1,984.7	45.8	16.7	29.0	44.4	18.0	0.4	2,139.0

Source: Ministry of Health, *Hospital Statistics*.

Notes: 1. See Table 29.7, note 1.

2. Medical Billings consists of income derived from the provision of out-patient services insurable under the Health Insurance Act.

3. Other refers to insured residents not the responsibility of the Ministry.

Table 29.10 Private Health Insurance, Ontario, 1971 to 1984

Year	Premiums Received			Claims Paid Out by Type of Plan					
	Group Plans	Individual Plans	Total	Dental	Extended Health	Supplementary Hospital	Drug Plan	Other	Total
					$ millions				
1984	900.2	51.0	951.1	376.1	302.3	51.4	43.9	54.1	827.8
1983	777.0	54.9	831.9	357.8	276.3	46.9	42.2	38.7	761.9
1982	684.2	38.7	722.9	327.9	247.8	41.0	42.8	17.3	676.9
1981	500.2	31.1	531.3	236.8	163.1	37.4	35.1	8.5	480.9
1980	404.6	31.1	435.7	187.1	134.9	38.5	33.0	7.7	401.2
1979	318.3	26.2	344.6	141.2	111.2	37.0	30.1	6.6	326.0
1978	275.0	23.1	298.1	105.2	93.7	33.7	28.6	4.1	265.4
1977	222.5	18.1	240.6	74.6	78.5	32.2	26.8	2.8	214.8
1976	184.6	6.9	191.5	49.1	61.9	26.2	24.2	1.7	163.0
1975	141.8	4.9	146.7	25.2	48.5	22.6	21.7	0.4	118.4
1974	112.8	4.0	116.8	13.7	37.1	19.8	18.9	–	89.5
1973	94.8	3.6	98.5	6.8	31.1	19.3	17.2	–	74.5
1972	82.5	3.5	86.0	3.6	26.5	21.3	16.0	–	67.5
1971	74.3	2.3	76.6	1.3	28.0	21.8	14.0	–	65.1

Sources: Ministry of Financial Institutions, Financial Institutions Division.
Canadian Life and Health Insurance Association (CLHIA), *Survey of Health Insurance Benefits in Canada.*

Notes: 1. Private health insurance composed of non-profit and CLHIA companies. CLHIA amalgamated in 1981 from the former Canadian Association of Accident and Sickness Insurers and the Canadian Life Insurance Association. Non-profit companies include Blue Cross, Green Shield, Cumba, Quebec Hospital Association (Ontario business only), Co-operative Health Services of Ontario (ceased operations in 1980), and Delta Dental Plan from commencement in 1973 until 1976 when it merged with Co-operative Health Services. Also includes various non-profit organizations in existence during 1971 and 1972.

2. Other Claims Paid Out includes vision care, nursing home plan, prosthetics, visitors health plan, and health plan while outside Canada.

Table 29.11 Distribution of OHIP Payments to Physicians/Practitioners, Ontario, 1972/73 to 1984/85

Year	Fee-for-Service Payments to Health Professionals							
	Medical	Chiropractic	Optometric	Physiotherapy	Dental	Chiropody	Osteopathic	Total
				$ millions				
1984/85	2,180.3	54.0	41.9	15.8	8.5	4.9	0.3	2,305.7
1983/84	1,932.0	47.8	36.6	14.0	7.9	4.5	0.4	2,403.2
1982/83^{r}	1,663.0	41.6	30.4	12.2	6.6	4.3	0.4	1,758.6
1981/82	1,393.6	36.9	25.1	10.1	5.9	3.7	0.4	1,475.7
1980/81	1,199.5	32.7	21.5	10.0	5.4	3.4	0.4	1,272.8
1979/80	1,008.0	28.4	18.3	8.5	4.5	3.1	0.4	1,071.2
1978/79	954.0	26.0	17.7	5.0	4.7	3.2	0.5	1,011.0
1977/78	836.9	22.9	14.8	–	4.0	3.0	0.4	881.9
1976/77	743.6	19.9	12.9	–	4.5	2.6	0.5	784.0
1975/76	688.0	18.4	11.8	–	6.4	2.8	0.5	728.0
1974/75	604.3	17.5	9.3	–	6.0	2.6	0.5	640.3
1973/74	530.1	17.0	6.7	–	5.7	2.3	0.6	552.4
1972/73	505.4	15.3	6.8	–	5.9	2.0	0.7	536.1

Table 29.11 (cont'd.)

Year	Other				Total
	Out-of-Province	Capitation	Physician Salaries & Other	Total	
			$ millions		
1984/85	73.2	20.8	22.1	116.2	2,416.4
1983/84	67.8	18.3	20.0	106.1	2,149.3
1982/83^{r}	57.1	13.6	17.2	88.0	1,846.5
1981/82	40.6	12.8	13.9	67.3	1,543.0
1980/81	38.6	10.4	12.5	61.5	1,334.3
1979/80	32.7	5.8	12.3	50.9	1,122.0
1978/79	–	4.2	13.0	17.3	1,028.3
1977/78	–	3.7	12.6	16.2	898.2
1976/77	–	4.7	11.6	16.3	800.3
1975/76	–	4.7	9.5	14.2	742.1
1974/75	–	3.5	5.9	9.4	649.6
1973/74	–	3.1	5.0	8.1	560.5
1972/73	–	2.1	2.4	4.5	540.6

Source: Ministry of Health, *OHIP Practitioner Care Statistics.*

Notes: 1. See Table 29.7, note 1.

2. Third party recoveries and adjustments are reflected in Total Fee-for-Service Payments.
3. Data accumulated by month payment is made.
4. Capitation payments involve special payment arrangements to physicians relating to health service organizations (HSO). Within an HSO, a group of doctors is paid a fixed amount per person for a number of individuals placed under their care.
5. Gross income for Fee-for-Service physicians includes revenues from OHIP, uninsured services, extra-billing, examinations at the request of third parties, WCB payouts for clients, etc.
6. OHIP offers basic hospital coverage including out-patient services and medically prescribed physiotherapy, as well as physician payments at the rate of 100% of the current OHIP schedule of benefits. Other services such as ambulance, dental surgery, chiropractic, optometric, etc., are covered to a specified extent.

Table 29.12 Distribution of OHIP Payments and Average Per Capita Costs by Category, Ontario, 1972/73 to 1984/85

Year	Distribution of OHIP Payments by Category							
	Group	Full-pay	Partially Assisted	Fully Assisted	Senior Citizens	Welfare	Veterans	Total
					$ millions			
1984/85	1,226.3	286.6	0.7	168.6	478.5	130.6	12.7	2,303.9
1983/84	1,100.7	251.4	0.5	148.0	419.1	115.6	11.0	2,046.3
1982/83^{r}	971.0	230.0	0.4	103.4	350.6	94.5	9.2	1,759.0
1981/82	841.4	195.9	0.3	73.4	285.0	74.5	7.4	1,477.9
1980/81	733.7	173.6	0.3	59.5	238.0	63.0	6.2	1.274.2
1979/80	626.9	145.7	0.2	46.8	193.7	52.9	5.4	1,071.6
1978/79	596.3	143.5	0.2	40.4	175.4	50.3	5.1	1,011.3
1977/78	519.8	135.7	0.3	30.5	149.0	42.5	4.4	882.2
1976/77	468.4	123.7	0.3	24.2	127.9	36.9	3.6	785.0
1975/76	440.6	116.4	1.6	19.3	113.9	33.3	3.1	728.3
1974/75	395.0	100.3	1.8	17.6	98.2	27.4	2.5	642.8
1973/74	342.8	84.2	1.7	17.3	81.3	24.5	1.9	553.7
1972/73	. .	. .	. .	. .	. .	. .	. .	536.1

Table 29.12 (cont'd.)

Year	Average Per Capita Costs by Category							
	Group	Full-pay	Partially Assisted	Fully Assisted	Senior Citizens	Welfare	Veterans	Average
					dollars			
1984/85	233.4	286.2	65.2	245.6	335.9	254.6	268.6	257.8
1983/84	212.2	248.8	61.7	221.1	307.9	216.1	249.5	232.1
1982/83^{r}	184.0	228.4	47.9	191.4	269.8	185.5	221.1	202.7
1981/82	155.8	196.2	54.3	164.8	230.6	159.2	186.7	172.0
1980/81	136.2	167.7	33.3	143.3	202.7	130.2	164.1	149.2
1979/80	116.2	138.9	27.3	119.9	174.3	109.5	140.7	126.4
1978/79	110.5	133.1	56.1	111.5	167.0	104.0	135.4	120.2
1977/78	96.3	115.4	48.6	87.0	151.5	86.1	116.7	104.5
1976/77	86.9	104.9	33.6	76.9	136.3	77.8	106.0	94.1
1975/76	82.5	95.1	56.4	72.6	127.8	72.2	104.8	88.4
1974/75	73.4	86.3	53.3	65.8	115.6	70.7	94.3	79.2
1973/74	64.8	76.9	27.3	59.4	101.7	61.9	81.7	69.6
1972/73	57.1	68.1	49.5	57.4	94.0	53.7	69.1	61.3

Source: Ministry of Health, *OHIP Practitioner Care Statistics.*

Notes: 1. See Table 29.7, note 1.
2. Based on month of payment.
3. Due to a different categorical presentation, totals for OHIP payments may differ slightly from Fee-for-Service Payments to Health Professionals in Table 29.11.

Table 29.13 **Manpower for Selected Health Occupations, Ontario, 1971 to 1983**

Year	Active Civilian Physicians				Active Registered Nurses		
	General Practice	Specialists	Interns & Residents	Total	Full-time	Part-time	Total
				number			
1983	7,642	7,450	3,122	18,214	38,612	24,511	66,194
1982	7,413	7,159	3,026	17,599	32,801	20,131	55,452
1981^{r}	7,072	6,947	3,009	17,028	38,283	22,135	62,050
1980	6,980	6,758	2,926	16,664	36,647	20,604	59,106
1979	6,930	6,541	2,838	16,309	36,548	19,494	57,445
1978	6,783	6,385	2,864	16,033	40,157	20,419	60,576
1977	6,818	6,258	2,616	15,692	38,046	18,440	56,486
1976	6,714	6,087	2,450	15,251	38,729	17,988	56,717
1975	6,560	5,918	2,643	15,121	41,514	16,573	58,087
1974	6,241	5,682	2,202	14,125	34,849	13,385	48,234
1973	6,038	5,470	2,215	13,723	33,191	12,665	45,856
1972	5,801	5,259	2,304	13,364	30,888	12,397	43,285
1971	5,509	4,966	2,031	12,506	33,674	10,030	43,704

Table 29.13 (cont'd.)

Year	Dentists	Chiropractors	Optometrists	Podiatrists	Pharmacists	Physio-therapists	Dietitians
				number			
1983	5,027	1,225	785	97	6,163	1,596	1,483
1982	4,809	1,175	773	102	5,944	1,540	1,469
1981^{r}	4,637	1,113	701	80	5,813	1,554	1,451
1980	4,510	1,033	687	96	5,724	1,485	1,392
1979	4,410	972	687	90	5,555	1,479	1,337
1978	4,276	890	673	86	5,388	1,432	1,294
1977	4,170	810	639	88	5,247	1,439	1,207
1976	3,928	706	608	90	5,103	1,468	1,133
1975	3,539	706	588	91	4,939	1,323	1,068
1974	3,539	662	552	80	4,814	1,304	932
1973	3,351	623	496	64	4,640	1,169	879
1972	3,242	. .	498	75	4,610	1,138	832
1971	3,187	. .	498	72	4,531	1,085	788

Table 29.13 (cont'd.)

				Population Per			
Year	Dental Hygienists	Medical Laboratory	Medical Radiation	Practice Physician	General Specialist Physician	Total Physicians	Dentist
				number			
1983	2,206	6,128	3,160	1,163	1,193	488	1,768
1982	2,041	5,928	3,106	1,184	1,226	499	1,825
1981^{r}	1,853	5,872	3,021	1,226	1,248	509	1,870
1980	1,676	5,612	2,905	1,232	1,273	516	1,907
1979	1,476	5,555	2,786	1,233	1,306	524	1,938
1978	1,266	5,406	2,678	1,250	1,328	529	1,983
1977	1,017	5,681	2,560	1,234	1,344	536	2,018
1976	711	5,455	2,428	1,239	1,367	545	2,118
1975	606	5,090	2,449	1,254	1,390	544	2,325
1974	606	4,587	2,273	1,302	1,430	575	2,296
1973	500	4,047	1,584	1,324	1,462	583	2,386
1972	475	3,381	1,479	1,357	1,497	589	2,428
1971	423	2,959	1,370	1,410	1,564	621	2,438

Source: Health and Welfare Canada, *Canada Health Manpower Inventory*.

Notes:
1. The 1976 total for Interns and Residents is not complete.
2. The numbers for Dentists include part-time. The total number of certified dental specialists for 1983 back to 1971 is as follows: 591, 573, 522, 504, 482, 453, 416, 363, 337, 344, 323, 290, and 263 respectively.
3. Numbers of nurses from 1979 are not strictly comparable to previous years due to a change in methodology. From 1979 to 1983, numbers refer only to nurses registered in Ontario, and employed or living in Ontario. Also totals for 1979 to 1983 include nurses who have not indicated whether they were working full or part-time.
4. The total number of Active Civilian Physicians in 1982 includes one physician – type not stated.

Table 29.14 Full-Time and Part-Time Nurses by Place of Employment, Ontario, 1979 to 1984

Year	Hospitals	Nursing Homes & Homes for the Aged	Community Health	Physicians Offices	Educational Institutions	Other	Total
				number			
1984	49,718	4,869	7,156	2,778	1,914	3,481	69,916
1983	47,019	4,604	6,663	2,607	1,759	3,542	66,194
1982	39,077	2,297	5,561	2,264	1,527	4,726	55,452
1981	44,000	4,471	6,030	2,484	1,769	3,296	62,050
1980	41,818	4,384	5,619	2,516	1,753	3,016	59,106
1979	40,930	4,208	5,258	2,396	1,812	2,841	57,445

Source: Statistics Canada, Health Division, *Annual Survey of Registered Nurses.*

Table 29.15 Full-Time and Part-Time Personnel Employed in Hospitals, Ontario, 1977/78 to 1982/83

	Public Hospitals							
Year	Nursing	Diagnostic & Therapeutic	Educational Programs	Administrative & Support	Total	Proprietary	Federal	Total
					number			
1982/83								
Full-time	40,652	21,053	5,228	30,146	97,079	361	1,032	98,472
Part-time	20,161	6,091	124	10,565	36,941	271	110	37,322
Total	60,813	27,144	5,352	40,711	134,020	632	1,142	135,794
1981/82								
Full-time	40,256	20,566	5,112	30,050	95,984	345	1,156	97,485
Part-time	18,846	5,796	117	9,803	34,202	261	112	34,575
Total	59,102	26,362	5,229	39,853	130,186	606	1,268	132,060
1980/81								
Full-time	39,453	19,764	5,107	29,749	94,073	425	1,064	95,562
Part-time	16,775	4,965	70	9,106	30,916	290	123	31,329
Total	56,228	24,729	5,177	38,855	124,989	715	1,187	126,891
1979/80								
Full-time	39,174	19,125	4,930	29,647	92,876	412	1,075	94,363
Part-time	15,217	4,354	80	8,464	28,115	298	160	28,573
Total	54,391	23,479	5,010	38,111	120,991	710	1,235	122,936
1978/79								
Full-time	39,300	18,720	5,008	30,073	93,101	430	1,088	94,619
Part-time	14,559	3,910	66	7,890	26,425	300	119	26,844
Total	53,859	22,630	5,074	37,963	119,526	730	1,207	121,463
1977/78								
Full-time	39,881	18,526	5,368	30,819	94,594	433	1,125	96,152
Part-time	14,020	3,803	79	7,919	25,821	289	60	26,170
Total	53,901	22,329	5,447	38,738	120,415	722	1,185	122,322

Source: Statistics Canada, Health Division, Annual Return of Hospitals.

Notes:
1. See Table 29.7, note 1.
2. Excludes medical staff.
3. Persons involved in formally organized Educational Programs include interns, residents and clinical clerks, instructors and students.
4. In 1981/82 some hospitals reported total personnel without breakdowns by broad service category.

Table 29.16 Selected Statistics for All Hospitals, Ontario, 1980/81 to 1984/85

Year	Institutions	Staffed Beds	Occupancy	Days of Care	Average in Hospital Daily	Average Length of Stay	Cost Per Day
	number		%	'000's	#	days	$
Public							
1984/85	220	48,815	87.0	15,497.7	42,459	11.5	308
1983/84	220	48,373	86.6	15,338.1	41,907	11.3	287
1982/83	228	47,943	87.0	15,219.2	41,696	11.4	262
1981/82	231	47,879	86.5	15,113.3	41,406	11.3	230
1980/81	230	47,484	85.3	14,769.2	40,464	11.4	199
Provincial Psychiatric							
1984/85	10	4,324	100.6	1,587.5	4,350	130.6	166
1983/84	10	4,383	100.4	1,610.2	3,896	137.2	156
1982/83	10	4,430	100.9	1,631.5	4,470	123.0	142
1981/82	10	4,472	99.7	1,627.2	3,919	133.1	125
1980/81	10	4,543	84.7	1,405.2	3,850	129.5	132
Private							
1984/85	17	817	93.0	277.3	760	22.6	109
1983/84	17	816	93.3	278.5	760	24.4	103
1982/83	18	829	92.9	281.1	770	24.5	93
1981/82	19	842	92.2	283.3	776	22.7	86
1980/81	20	892	92.0	299.4	821	21.8	76
Federal							
1984/85	13	430	62.5	98.2	269	9.5	..
1983/84	13	485	55.4	98.4	269	12.5	..
1982/83	11	483	56.6	99.8	273	10.6	..
1981/82	11	486	54.9	97.3	267	10.7	..
1980/81	11	491	56.7	101.6	278	12.5	..
Total							
1984/85	260	54,386	88.0	17,460.8	47,838	12.7	..
1983/84	260	54,057	87.6	17,325.2	47,337	12.6	..
1982/83	267	53,685	87.9	17,231.6	47,210	12.6	..
1981/82	274	53,682	87.4	17,123.6	46,368	12.7	..
1980/81	276	53,420	85.0	16,580.0	45,425	12.7	..

Source: Ministry of Health, *Hospital Statistics.*

Notes:
1. See Table 29.7, note 1.
2. In 1983/84, 8 Red Cross hospitals amalgamated with other Public hospitals.
3. Days of Care for Provincial Psychiatric refers to days of care including days of leave of absence, and days spent in approved homes.
4. Federal includes three hospitals – the balance are nursing stations.
5. For 1980/81 and 1981/82, Total includes nursing homes temporarily approved for chronic care.

Table 29.17 Psychiatric In-Patient Facilities by Type of Institution, Ontario, 1978/79 to 1983/84

Year	Reporting Facilities	Approved Beds	Days of Care	Admissions	Dis-charges	Average Daily Population
				number		
Units of Public General Hospitals						
1983/84	64	2,213	673,372	35,078	34,947	1,826
1982/83	63	2,199	650,056	34,901	34,957	1,788
1981/82	61	2,155	641,586	34,278	34,339	1,751
1980/81	63	2,197	724,619	35,760	35,684	1,878
1979/80	62	2,224	715,047	35,531	35,489	1,823
1978/79	61	2,195	707,839	35,080	34,967	1,659
Provincial Psychiatric Hospitals						
1983/84	11	4,917	1,587,389	12,686	12,842	4,399
1982/83	11	4,917	1,635,086	12,763	12,750	4,469
1981/82	11	4,917	1,624,993	13,155	13,161	3,919
1980/81	11	4,948	1,621,587	13,047	12,880	3,850
1979/80	12	4,891	1,662,585	13,091	13,109	3,840
1978/79	12	5,100	1,674,003	13,631	13,743	3,953
Miscellaneous Psychiatric Hospitals						
1983/84	8	949	290,677	5,776	5,785	794
1982/83	7	949	295,710	5,889	5,881	801
1981/82	7	949	268,883	5,960	5,954	796
1980/81	6	678	250,635	4,545	4,578	689
1979/80	6	709	274,176	4,881	4,977	735
1978/79	7	791	277,485	4,047	3,838	846
Total						
1983/84	83	8,079	2,551,438	53,540	53,574	7,019
1982/83	81	8,065	2,580,852	53,553	53,588	7,058
1981/82	79	8,021	2,535,462	53,393	53,454	6,466
1980/81	80	7,823	2,596,841	53,352	53,142	6,417
1979/80	80	7,824	2,651,808	53,503	53,575	6,398
1978/79	80	8,086	2,659,327	52,758	52,548	6,458

Sources: Ministry of Health, *Hospital Statistics 1978/79 to 1981/82.*
Information Resources and Services Branch, JB41 System Standard tabulations, 1982/83 and 1983/84.

Note: See Table 29.7, note 1.

Table 29.18 Special Care Facilities and Beds by Type of Ownership and Principal Characteristics of Residents, Ontario, 1978 to 1985

	Principal Characteristics							
Year	Aged Persons	Physical Handicap	Retarded	Mental Handicap	Emotionally Disturbed Children	Alcoholism, Drugs	Other	Total
				number				
1985								
Facilities	626	29	375	207	154	91	200	1,682
Beds	62,042	651	11,146	7,489	2,738	1,846	4,268	90,180
1984								
Facilities	630	29	324	217	172	94	153	1,619
Beds	61,836	598	10,213	7,592	2,977	2,061	3,891	89,168
1983								
Facilities	628	29	330	235	215	99	150	1,686
Beds	61,237	570	10,676	7,771	3,451	2,377	2,846	88,928
1982								
Facilities	523	91	336	324	310	102	189	1,875
Beds	52,142	5,539	11,791	12,326	4,407	2,492	3,357	9 ,054
1981								
Facilities	538	100	286	325	333	89	724	1,895
Beds	51,187	6,417	11,214	7,659	4,608	1,823	4,287	87,195
1980								
Facilities	560	98	151	320	398	31	246	1,804
Beds	51,257	6,954	10,004	7,711	5,355	814	4,398	86,493
1979								
Facilities	549	99	151	321	305	31	120	1,576
Beds	50,326	6,935	10,004	7,622	4,578	814	2,181	82,460
1978								
Facilities	564	97	43	442	241	33	147	1,567
Beds	49,209	6,427	811	16,918	3,263	789	3,295	80,712

Table 29.18 (cont'd.)

Year	Proprietary	Religious	Lay	Municipal	Provincial	Federal	Total
				number			
1985							
Facilities	812	104	616	107	42	1	1,682
Beds	38,426	6,712	14,465	19,645	10,790	142	90,180
1984							
Facilities	848	105	513	107	45	1	1,619
Beds	38,713	6,786	12,888	19,502	11,139	140	89,168
1983							
Facilities	894	107	531	105	48	1	1,686
Beds	38,437	6,550	14,314	19,085	10,402	140	88,928
1982							
Facilities	1,037	112	569	105	51	1	1,875
Beds	40,269	6,585	15,235	18,935	10,890	140	92,054
1981							
Facilities	1,087	108	555	103	41	1	1,895
Beds	40,345	6,599	15,226	18,827	6,058	140	87,195
1980							
Facilities	1,133	95	431	101	43	1	1,804
Beds	40,685	6,289	14,332	18,869	6,178	140	86,493
1979							
Facilities	996	95	348	101	35	1	1,576
Beds	38,508	6,289	12,797	18,869	5,557	140	82,460
1978							
Facilities	1,060	83	285	103	35	1	1,567
Beds	39,084	5,594	8,619	18,643	8,632	140	80,712

Sources: Statistics Canada, *List of Canadian Hospitals and Special Care Facilities*, (83-201).
Health Division, Institutional Statistics Section.

Notes: 1. Data are as of April 1 of each year.
2. For people chronically ill or disabled who reside in the facility on a more or less permanent basis. Includes facilities having four or more beds for residents and providing care to at least one resident.
3. For 1978, the distribution under Retarded and Mental Handicap should be combined when comparing to other years.

Table 29.19 Sale of Alcoholic Beverages by Volume and Apparent Consumption, Ontario, 1978/79 to 1983/84

Year	Sales of Alcoholic Beverages by Volume			Amount Absolute Alcohol Sold			Per Capita Absolute Alcohol Consumption 15 Years & Over
	Beer	Wine	Spirits	Beer	Wine	Spirits	
		$'000's			$'000's Litres		Litres
1983/84	1,162,505	416,543	1,051,349	38,854.2	10,501.7	26,332.4	10.84
1982/83	1,057,222	396,003	1,029,421	38,197.8	10,456.8	28,072.4	11.16
1981/82	894,488	351,199	936,778	38,005.4	9,838.7	29,247.2	11.40
1980/81	751,497	315,156	837,911	38,209.8	9,293.2	29,314.4	11.47
1979/80	606,639	266,036	788,531	37,116.8	9,014.2	29,518.4	11.50
1978/79	587,386	232,629	729,098	36,743.3	8,640.1	29,212.8	11.52

Source: Addiction Research Foundation, *Statistics on Alcohol and Drug Use in Canada and Other Countries*.

Notes: 1. See Table 29.7, note 1.
2. To convert litres of beverage to litres of absolute alcohol the following average values were employed: beer – 5% alcohol by volume, wine – 13% and spirits – 40%.

Table 29.20 Alcohol and Other Drug Use Among Students in Grades 7 to 13, Ontario, Selected Years, 1977 to 1985

						Barbituates			
Year	Alcohol	Tobacco	Cannabis	Glue	Other Solvents	Medical	Non-medical	Heroin	Speed
					percent				
1985	69.8	24.5	21.2	2.0	2.7	9.0	4.4	1.5	3.1
1983	71.7	29.1	23.7	3.2	4.1	11.0	6.0	1.6	3.9
1981	75.3	30.3	29.9	2.3	3.2	12.5	8.1	1.5	3.0
1979	76.9	34.7	31.7	4.3	6.2	12.8	6.8	2.3	3.6
1977	76.3	30.4	25.1	3.9	6.6	14.2	6.0	2.0	2.7

Table 29.20 (cont'd.)

	Stimulants		Tranquillizers					
Year	Medical	Non-medical	Medical	Non-medical	LSD	Other Halluc-inogens	Cocaine	PCP
				percent				
1985	4.3	11.8	4.7	3.3	7.4	4.8	4.5	1.7
1983	5.2	15.4	6.5	5.0	8.6	6.0	4.1	2.0
1981	6.1	12.1	7.5	4.9	10.2	4.7	4.8	2.5
1979	5.9	10.6	6.9	5.9	8.6	5.3	5.1	. .
1977	6.6	7.2	8.6	4.9	6.1	4.3	3.8	. .

Sources: Addiction Research Foundation, *Statistics on Alcohol and Drug Use in Canada and Other Countries.*
Alcohol and Other Drug Use Among Ontario Students in 1985, and Trends Since 1977.

Notes: 1. Based on a province-wide survey of approximately 4,687 students in 1977, 4,794 in 1979, 3,270 in 1981, 4,737 in 1983, and 4,154 in 1985, in grades 7,9,11, and 13.
2. Data refer to percent using drug at least once during year specified.

Table 29.21 Drug-Related Offences, Ontario, 1971 to 1984

	Offences						
					Food & Drugs Act		
	Narcotic Control Act						
Year	Heroin	Cocaine	Other	Cannabis	Controlled Drugs	Restricted Drugs	Total
				number			
1984	179	1,411	1,425	15,092	375	584	19,066
1983	355	1,170	769	14,317	407	839	17,857
1982	207	978	1,231	19,354	611	1,119	23,500
1981	133	739	785	25,539	594	1,381	29,171
1980	121	628	903	25,697	616	1,586	29,551
1979	136	460	907	22,848	736	1,551	26,638
1978	181	532	934	20,662	717	632	23,658
1977	188	371	771	22,535	590	614	25,069
1976	. .	. .	918	21,098	786	560	23,362
1975	. .	. .	803	18,239	835	1,168	21,045
1974	. .	. .	786	20,040	689	1,343	22,858
1973	. .	. .	756	19,806	1,135	1,550	23,247
1972	. .	. .	622	8,901	1,055	1,152	11,730
1971	. .	. .	381	6,744	658	1,099	8,882

Table 29.21 (cont'd.)

Year	Persons Charged						
	Narcotic Control Act				Food & Drugs Act		
	Heroin	Cocaine	Other	Cannabis	Controlled Drugs	Restricted Drugs	Total
				number			
1984	94	833	230	12,485	185	419	14,246
1983	186	607	224	11,902	202	625	13,746
1982	96	449	347	15,456	279	805	17,432
1981	53	429	379	22,015	379	1,103	24,358
1980	99	320	455	22,559	384	1,307	25,214
1979	73	284	363	20,801	513	1,353	23,387
1978	114	270	401	17,594	505	525	19,409
1977	127	199	468	20,164	459	500	21,917
1976	. .	. .	728	19,119	599	426	20,872
1975	. .	. .	557	16,273	633	943	18,406
1974	. .	. .	552	19,158	508	1,182	21,400
1973	. .	. .	594	18,797	791	1,374	21,556
1972	. .	. .	538	8,000	647	944	10,129
1971	. .	. .	269	5,681	323	788	7,061

Sources: Statistics Canada, *Canadian Crime Statistics, (85-205).*
Addiction Research Foundation, *Statistics on Alcohol and Drug Use in Canada and Other Countries.*

Notes: 1. For the years 1971 to 1976, Other under the Narcotic Control Act refers to addicting opiate-like drugs. Specific figures for heroin and cocaine offences were not reported.

2. Total Persons Charged does not represent an unduplicated count of individuals during the year. The same person is counted on each occasion that he or she has been charged with having committed an offence.

Chapter 30
Social Services

Social Services

All three levels of government and the private sector are involved in the provision of social services in Ontario. The Province, through the Ministry of Community and Social Services, provides financial assistance and social services to persons in need. Such services include general welfare assistance (GWA), family benefits assistance (FBA), residential care and community support for the elderly, services for children and assistance for the developmentally and physically handicapped. The Ministry administers the Family Benefits Program and directly provides some services to children and the elderly, such as youth centres for juvenile delinquents, senior citizens' home support services, half-way houses, mental health facilities for children, etc. Municipalities and local agencies are mainly responsible for the administration of GWA, homes for the aged, day nurseries, children's aid societies, and homemakers' and nurses' services. The federal government, through the Canada Assistance Plan (C.A.P.) provides funding for social service programs administered by the Province. Under the Plan, federal contributions amount to 50% of the cost for social assistance, provided that the Province has entered into an agreement. As well, the federal government administers national social security programs such as the Canada Pension Plan, Old Age Security, Family Allowances, War Veterans Allowances and Unemployment Insurance. Non-profit and volunteer organizations such as the Salvation Army, the March of Dimes and the Canadian National Institute for the Blind augment and supplement social services provided by governments.

This chapter presents statistics on expenditures and recipients in regard to social services provided by the federal government, the provincial Ministry of Community and Social Services and local governments. Data on programs such as the Ontario Tax Credit, tax grants to senior citizens and farm tax rebates are not included because they are not considered to be social assistance or service programs. Other social programs administered by other ministries, such as welcome houses for new immigrants (Ministry of Citizenship and Culture) are not included.

The Provincial income maintenance programs, such as the GWA and FBA, provide alternative income to persons who are unable to support themselves, or to maintain the well being of recipients and their dependents. GWA is 50% funded by the federal government under the C.A.P., 30% by the Province, and 20% by the municipality. GWA is designed for persons with short-term income problems, primarily the unemployed, the elderly, the sick, the disabled, the blind, parents with foster children and sole-support mothers. Persons with long-term income problems will usually be directed to the Family Benefits program.

The Family Benefits program is administered provincially and funded under the C.A.P. with the federal government paying 50% of the cost and the province paying the remaining 50%. This program is designed to assist persons in need as a result of a major physical or mental impairment, blindness, advanced age, or permanently unemployable for medical reasons, and for sole-support mothers or fathers, foster parents on behalf of their foster children, residents of institutions, handicapped children who remain in a normal family situation, and recipients of vocational rehabilitation training. Under this program, the blind and disabled receive a monthly guaranteed income at the Guaranteed Annual Income System for the Disabled (GAINS-D) rate; other recipients are provided with a monthly Family Benefits allowance.

The Province, through municipalities and agencies, provides residential and extended care services for senior citizens, physically and mentally handicapped persons, children and socially disadvantaged adults. Senior citizens are provided with homes, centres and home support programs. In addition, the Ministry of Revenue administers the Guaranteed Annual Income System for the Aged (GAINS-A), which provides financial assistance to seniors. GAINS-A payments ensure that seniors have an income equal to an established minimum guaranteed by the Province of Ontario.

The Ministry of Community and Social Services supplies specialized treatment and training for mentally retarded persons through group homes, sheltered workshops and life skills programs. Services provided by the Ministry for the care and protection of children include mental health and juvenile correctional programs in addition to child welfare services made available through children's aid societies and day nurseries.

National social security programs are mainly administered by Health and Welfare Canada. Other departments are also involved in the delivery of services. For example, Revenue Canada collects Unemployment Insurance and Canada Pension Plan (CPP) contributions, and the Department of Finance Canada administers the CPP Account and Investment Fund.

Old Age Security (OAS) pensions are delivered to eligible senior citizens without regard to income level or demonstrated need. In addition to the basic OAS benefit a senior citizen with little or no taxable income may be eligible for a Guaranteed Income Supplement (GIS). If the applicant has a spouse between the ages of 60 and 65, also with little or no taxable income, the spouse may apply for a spouse's allowance. The Canada Pension Plan provides retirement income to contributors in accordance with years of contributions and level of contributory earnings. The plan is funded by contributions from employers, employees and self-employed persons. The benefits include retirement pensions after age 65, surviving spouse's pensions, disability pensions and benefits for children of a disabled contributor. The Veterans Allowance is an income-tested program for war veterans. For veterans over the age of 65, the amount of Old Age Security and Guaranteed Income Supplement to which they are entitled is deducted from their Veterans Allowances.

Unemployment Insurance benefits are provided to contributors who have experienced an interruption of earnings, who are capable and available for work and who are unable to find suitable employment. Those who have contributed for a specified number of weeks during the course of the previous 52 weeks are eligible for unemployment insurance benefits. Benefits provided under the Unemployment Insurance Act include payments for sick leave, maternity leave, retirement, fishing, training, work sharing and job creation. Funding for the program is provided by contributions from employers and employees with the federal government providing supplementary contributions from federal general revenues to cover periods of continuing high unemployment.

Under the Family Allowances Act, family allowances are payable on behalf of children under the age of 18 who are wholly or substantially maintained by a parent or another individual resident in Canada. The payment is normally made to the mother, without regard to income level of the family. A province is allowed to vary by provincial law the rates of federal payments within the province on the basis of age or the number of children in the family. Only Quebec and Alberta have chosen to vary the payment structure.

Sources of Data

The major sources of data on provincial programs are *Expenditures by Municipality, Quarterly Statistical Bulletin, Statistical Supplement to the Annual Report* and *Program Resource Summary,* published by the Ministry of Community and Social Services. In addition, the Ministry publishes a number of reports each year on various topics related to social services. From year to year there have been changes in some instances in the breakdown of Ministry programs and/or new programs included, or in the names applied to a program. Therefore, historical data should be read as general indications of volumes and trends. It should be noted that data provided in the *Quarterly Statistical Bulletin* on General Welfare Assistance cover municipalities with population in excess of 20,000 and all county and district administration boards. Together, they account for between 86 to 94% of the total caseload in Ontario, depending on the year considered. On the other hand, the data in the *Statistical Supplement* for GWA reflect the entire province and present 100% of the total caseload. As well, expenditures for homes for the aged presented in this chapter are total spending, while those reported in the previous chapter are expenditures for the health care component only.

Information on the GAINS-A program is supplied by the Intergovernmental Finance Policy Branch of the Ministry of Treasury and Economics. Further information on Ontario's social programs can be obtained from the Management Information Systems Branch of the Ministry of Community and Social Services, telephone Toronto, 965-3861, while information on Ontario's Guaranteed Income System for the Aged can be obtained from the Guaranteed Income and Tax Credit Branch of the Ministry of Revenue, telephone Oshawa, 433-6987.

Statistics on federal programs are obtained from Statistics Canada's publications on *Social Security National Programs, (86-507 to 86-511),* and *Unemployment Insurance, (73-001, 73-201),* Health and Welfare Canada, and the Canadian Tax Foundation's annual publication *The National Finances.* Data sources for these programs provide interprovincial comparisons. Further information on national social security programs can be obtained from the Health Division of Statistics Canada, telephone Ottawa, 990-8385.

Social Services

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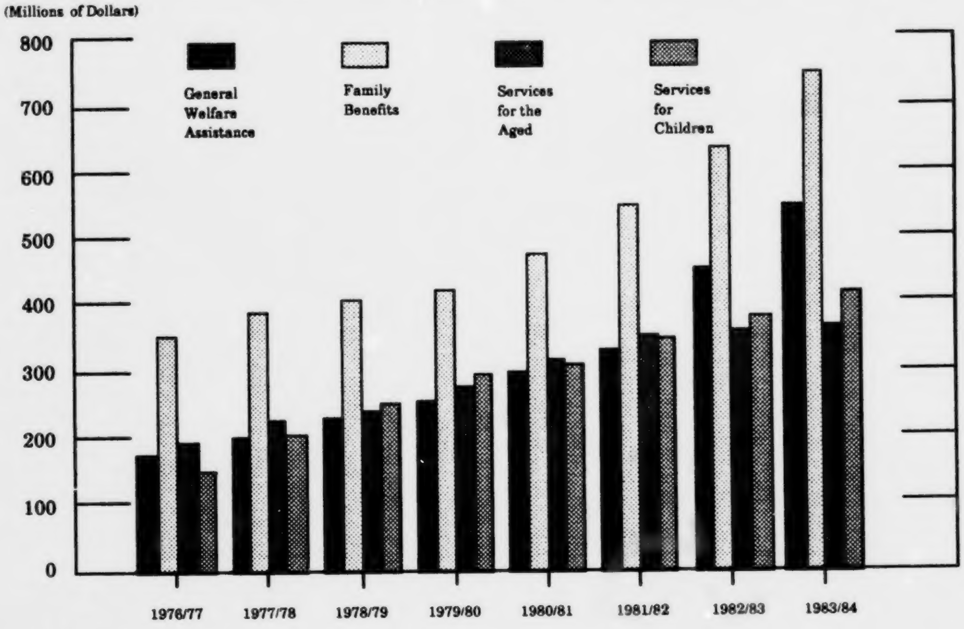
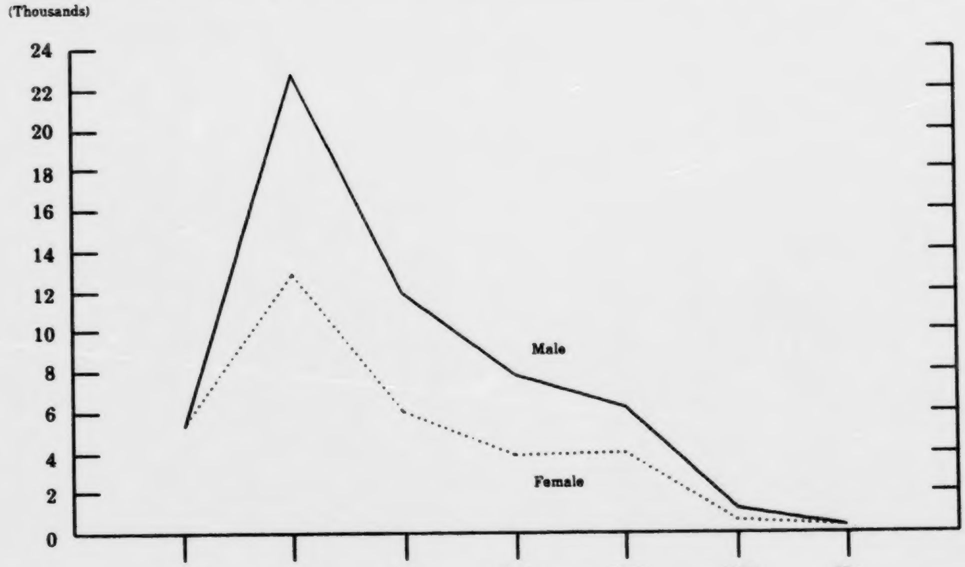
Chart 30.1 Expenditures on Major Social Services by Program, Ontario, 1976/77 to 1983/84



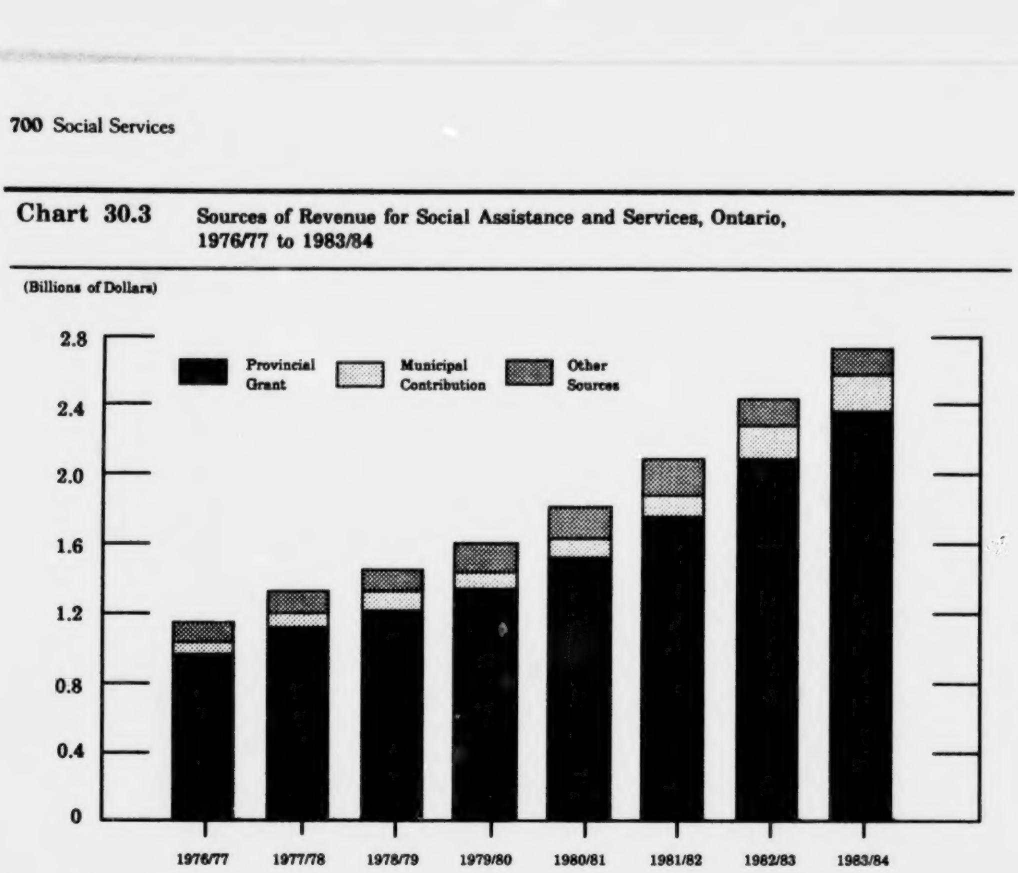
Refer to Table 30.1

Chart 30.2 General Welfare Assistance Cases by Sex and Age of Head of Household, Ontario, 1983



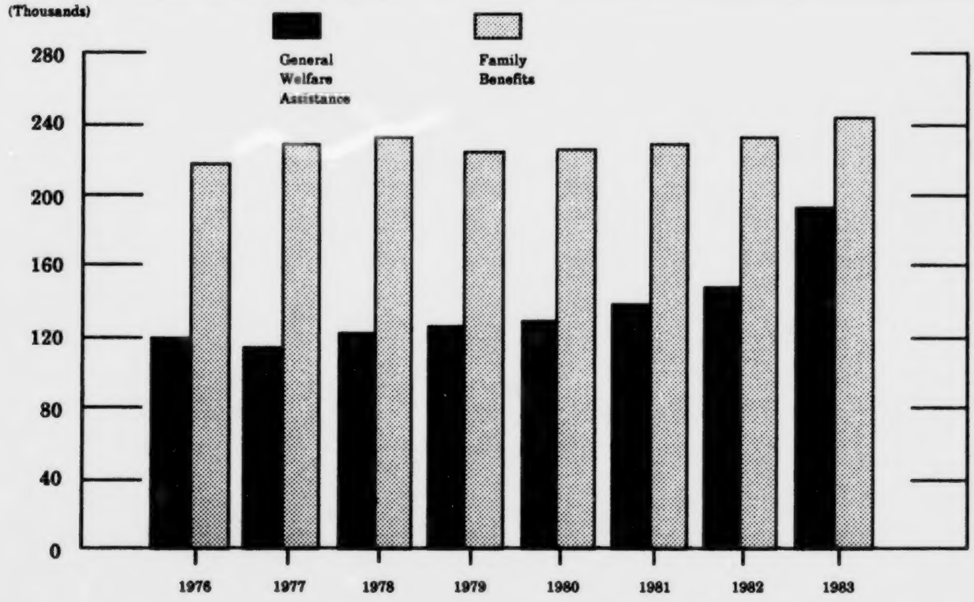
Refer to Table 30.7

Chart 30.3 Sources of Revenue for Social Assistance and Services, Ontario, 1976/77 to 1983/84



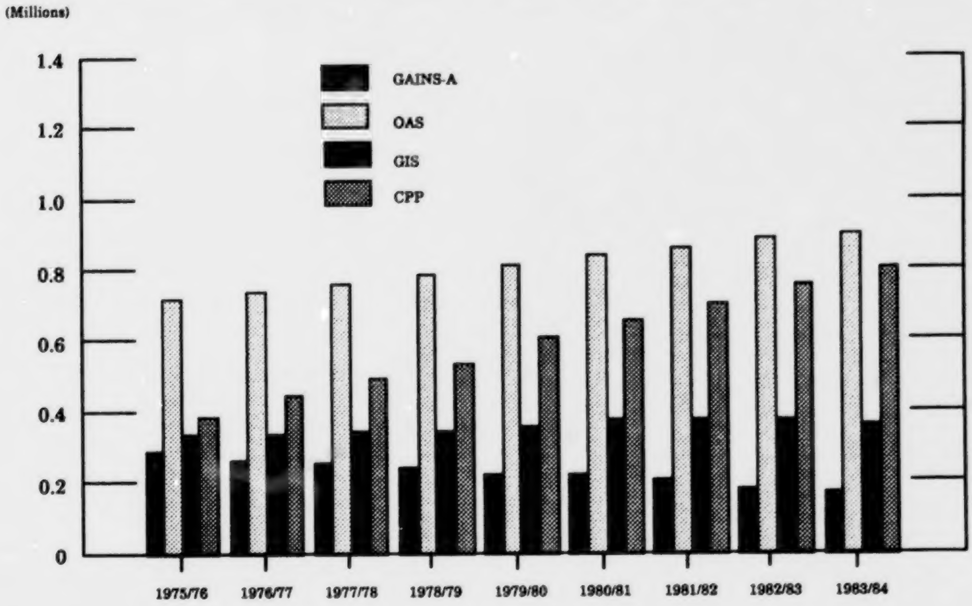
Refer to Table 30.2

Chart 30.4 Beneficiaries of General Welfare Assistance and Family Benefits During the Month of March, Ontario, 1976 to 1983



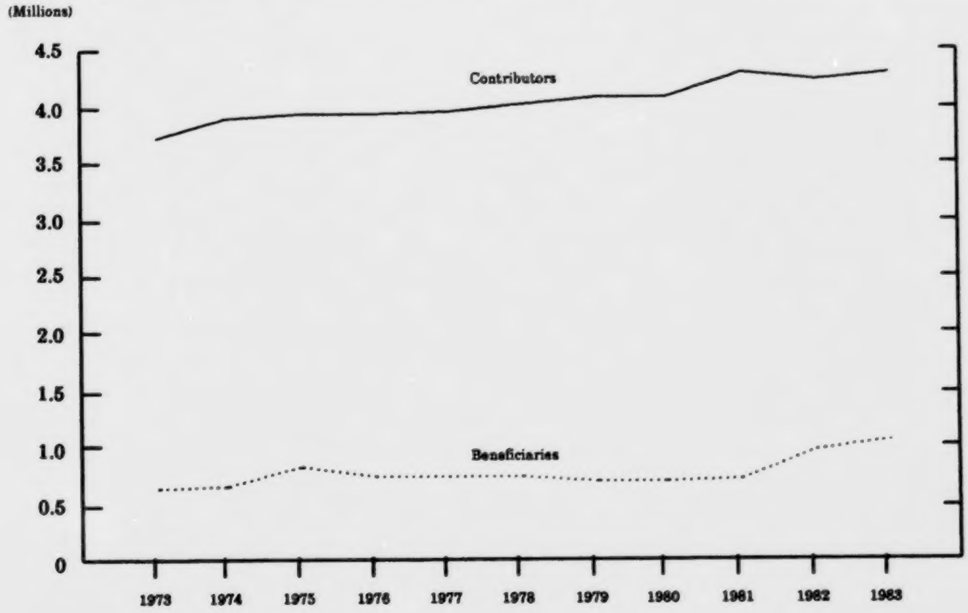
Refer to Tables 30.5 and 30.11

Chart 30.5 Recipients of GAINS-A, OAS, GIS and CPP, Ontario, 1975/76 to 1983/84



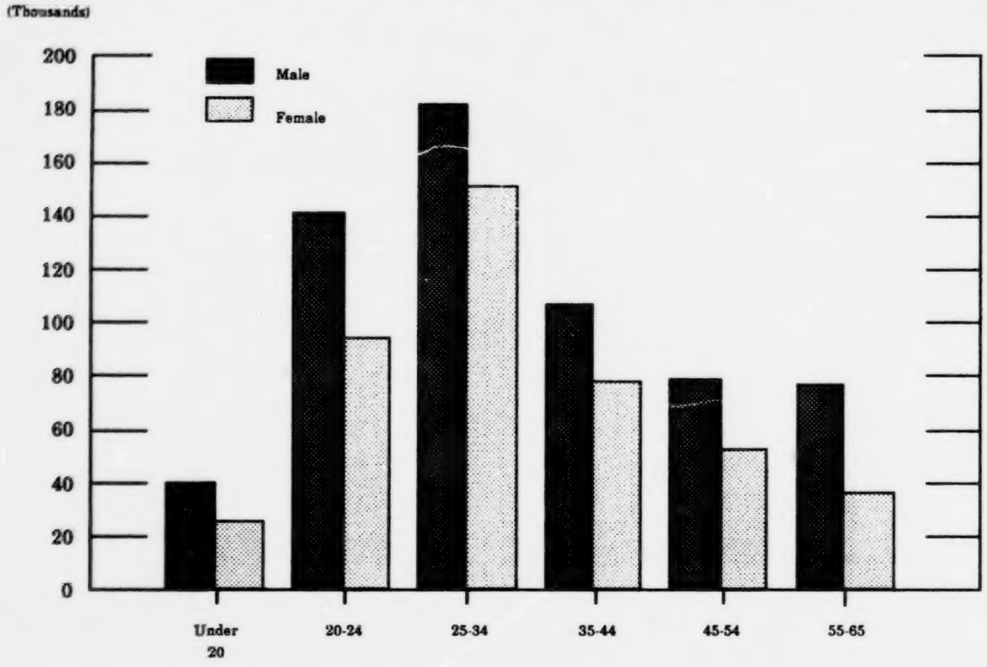
Refer to Tables 30.20, 30.22 and 30.24

Chart 30.6 Unemployment Insurance Contributors and Beneficiaries, Ontario, 1973 to 1983



Refer to Table 30.28

Chart 30.7 Unemployment Insurance Beneficiaries by Sex and Age Groups, Ontario, 1983



Refer to Table 30.29

Table 30.1 Expenditures on Major Social Services by Program, Ontario, 1974/75 to 1983/84

	Operating Expenditures							
Year	General Welfare Assistance	Family Benefits	Services for the Aged	Services for Children	Rehabilitation & Family Services	Miscellaneous Programs & Grants	Capital Expenditures	Total
					$ millions			
1983/84	552.2	747.1	370.0	415.8	261.8	411.7	39.3	2,798.3
1982/83	459.1	639.5	364.1	386.5	218.7	389.7	38.8	2,496.4
1981/82	338.1	550.9	354.6	348.9	172.9	347.0	22.8	2,135.0
1980/81	300.8	476.0	323.1	316.6	117.4	309.4	12.8	1,856.0
1979/80	260.1	419.6	279.9	297.6	79.3	277.9	11.3	1,625.7
1978/79	235.9	405.9	246.3	257.0	70.9	247.1	12.7	1,475.9
1977/78	204.3	394.1	232.7	214.1	63.2	225.2	16.3	1,350.5
1976/77	180.5	352.7	198.9	153.5	53.5	218.4	26.2	1,183.7
1975/76	184.9	329.9	175.7	144.3	46.0	189.1	31.3	1,101.2
1974/75	150.3	244.2	138.3	97.7	31.6	145.4	18.2	825.8

Sources: Ministry of Community and Social Services, Corporate Policy Branch.
Expenditures by Municipality.
Ministry of Municipal Affairs, *Local Government Finance in Ontario.*

Notes:
1. Data are for fiscal year ending March 31.
2. This table provides data on provincial, municipal and other expenditures by program in Ontario.
3. General Welfare Assistance expenditures includes the costs for allowances and administration. The total General Welfare Assistance expenditure for fiscal year 1983/84 was $552.2 million, of which $484.2 million was spent on allowances and $68.0 million on administration.
4. Family Benefits includes the costs for allowances, health and dental care. Of the total Family Benefits expenditure for fiscal year 1983/84, $702.6 million was spent on allowances and $44.5 million on health and dental care.

Table 30.2 Sources of Revenue for Social Assistance and Services, Ontario, 1974/75 to 1983/84

	Operating Revenue					
Year	Provincial Grant	Municipal Contribution	Other Sources	Total	Capital Revenue	Total
				$ millions		
1983/84	2,383.2	216.7	158.7	2,758.6	39.3	2,798.3
1982/83	2,102.3	192.8	162.4	2,457.5	38.8	2,496.4
1981/82	1,757.4	146.4	208.5	2,112.3	22.8	2,135.0
1980/81	1,520.3	132.7	190.2	1,843.2	12.8	1,856.0
1979/80	1,336.6	114.9	162.9	1,614.4	11.3	1,625.7
1978/79	1,217.1	105.8	140.3	1,463.2	12.7	1,475.9
1977/78	1,112.8	94.0	127.5	1,334.3	16.3	1,350.5
1976/77	972.6	77.5	107.3	1,157.5	26.2	1,183.7
1975/76	900.6	80.6	88.7	1,070.0	31.3	1,101.2
1974/75	673.8	62.6	71.2	807.5	18.2	825.8

Sources: Ministry of Community and Social Services, Corporate Policy Branch.
Expenditures by Municipality.
Ministry of Municipal Affairs, *Local Government Finance in Ontario.*

Notes:
1. See Table 30.1, note 1.
2. Other Sources of Operating Revenue are derived from user fees, the sale of goods produced by workshops and charitable donations from private sources. Revenue from user fees is estimated.
3. Capital Revenue data are estimates. They include provincial, municipal and charitable contributions.

Table 30.3 **Expenditures on Social Services by Program and Sources of Revenue, Ontario, 1983/84**

	Provincial	Municipal	Other Sources	Total
			$ '000's	
Operating Expenditures				
General Welfare Assistance				
Allowances	392,082.3	92,101.6	–	484,183.9
Administration	33,691.9	34,356.6	–	68,048.5
Total	425,774.2	126,458.2	–	552,232.4
Family Benefits	747,096.2	–	–	747,096.2
Services for the Aged				
Municipal Homes for the Aged	163,713.3	31,841.6	121,036.0	316,590.9
Charitable Institutions for Adults	41,454.7	–	4,023.2	45,477.9
Elderly Persons' Centres	1,546.7	618.7	928.0	3,093.4
Senior Citizens' Home Support Services	4,856.5	–	–	4,856.5
Total	211,571.2	32,460.3	125,987.2	370,018.7
Services for Children				
Day Nurseries	68,511.1	17,127.8	–	85,638.9
Day Nurseries for Mentally Retarded	12,508.1	–	3,127.0	15,635.1
Child Welfare – Children's Aid Societies	160,565.2	37,101.3	–	197,666.5
Child Welfare – Child Abuse	959.9	–	–	959.9
Child Welfare – Children's Services Committees	1,228.1	–	–	1,228.1
Child Welfare – Grants to Northern Ontario	330.4	–	–	330.4
Child Welfare – Juvenile Delinquency	112.4	–	–	112.4
Child Welfare – Correctional Services	4,550.0	–	–	4,550.0
Institutions for Children & Youth	11,010.0	–	2,752.5	13,762.5
Mental Health Facilities for Children	94,940.5	–	–	94,940.5
Total	355,736.9	54,229.1	5,879.5	415,845.5
Rehabilitation & Family Services				
Homemakers & Nurses Services	9,166.7	2,281.0	–	11,447.7
Vocational Rehabilitation	20,223.1	–	–	20,223.1
Half-way Houses	4,362.9	–	1,090.7	5,453.6
Adult Group Homes	256.9	–	64.2	321.1
Handicapped Persons' Housing	5,436.6	–	–	5,436.6
Workshops for Disabled	10,857.6	–	2,714.4	13,572.0
Interpretor – Intervenor Services	716.6	–	–	716.6
Home Support Services	636.1	–	–	636.1
Credit Counselling Services	1,240.6	–	–	1,240.6
Social Services	117.4	–	–	117.4
Family Services & Family Crisis	1,754.6	–	–	1,754.6
Nursing Homes for Special Needs	8,124.5	–	–	8,124.5
Homes for Mentally Retarded Children	16,927.2	–	4,231.8	21,159.0
Support Services for Mentally Retarded Children	18,855.5	–	–	18,855.5
Homes for Mentally Retarded Adults	38,933.3	–	9,733.3	48,666.6
Support Services for Mentally Retarded Adults	7,423.9	–	–	7,423.9
Residential Facilities for Mentally Retarded	39,391.9	–	–	39,391.9
Special Services for Handicapped – Phase I	1,845.4	–	–	1,845.4
Special Services for Handicapped – Phase II	3,858.3	–	–	3,858.3
Sheltered Workshops – Training Services	26,228.0	–	6,557.0	32,785.0
Sheltered Workshops – Life Skills Training	9,873.6	–	2,468.4	12,342.0
Protective Services	4,626.4	–	–	4,626.4
Employment Support Initiatives	1,755.1	–	–	1,755.1
Total	232,612.2	2,281.0	26,859.8	261,753.0

Table 30.3 (cont'd.)

	Provincial	Municipal	Other Sources	Total
			$ '000's	
Miscellaneous Programs & Grants				
Work Activity Project	2,240.1	560.0	–	2,800.1
General Welfare Assistance Counselling Services	3,038.8	759.7	–	3,798.5
Demonstration Projects	127.6	–	–	127.6
Provincial Lottery Fund	250.0	–	–	250.0
Energy Saving Grants	134.3	–	–	134.3
Miscellaneous Grants	386.9	–	–	386.9
Payments in Lieu of Municipal Taxes	325.9	–	–	325.9
Multiservice Centres	348.9	–	–	348.9
Direct Operating Expenses	403,511.1	–	–	403,511.1
Total	410,363.6	1,319.7	–	411,683.3
Total	2,383,154.3	216,748.3	158,726.5	2,758,629.1
Capital Expenditures for New & Acquired Buildings				
Municipal Homes for the Aged	8,919.3	8,919.3	–	17,838.6
Charitable Institutions for Adults	2,869.1	–	2,869.1	5,738.2
Elderly Persons' Centres	95.8	127.7	95.8	319.3
Half-way Houses	1,449.9	–	1,449.9	2,899.8
Child Welfare – Children's Aid Societies	113.9	–	341.7	455.6
Day Nurseries	1,153.3	443.6	177.4	1,774.3
Day Nurseries for Mentally Retarded	70.4	–	17.6	88.0
Institutions for Children & Youth	125.6	–	31.4	157.0
Mental Health Facilities for Children	1,005.0	–	502.5	1,507.5
Other Institutions for Mentally Retarded Children	61.2	–	–	61.2
Facilities for Mentally Retarded	3,676.0	–	1,838.0	5,514.0
Homes for Mentally Retarded	617.7	–	154.4	772.1
Sheltered Workshops – Disabled	478.3	–	119.6	597.9
Sheltered Workshops – Training Services	1,274.9	–	318.7	1,593.6
Total	21,910.5	9,490.6	7,916.2	39,317.3
Miscellaneous Grants to Province-Wide Agencies	329.7	–	–	329.7
Total	2,405,394.5	226,238.9	166,642.7	2,798,276.1

Sources: Ministry of Community and Social Services, Corporate Policy Branch. *Expenditures by Municipality.*
Ministry of Municipal Affairs, *Local Government Finance in Ontario.*
Ministry of Treasury and Economics, *Public Accounts.*

Notes:
1. See Table 30.1, note 1.
2. Payments in Lieu of Municipal Taxes refers to payments to municipalities in lieu of property taxes on behalf of facilities operated by the Province, based on $50.00 per bed annually on rated bed capacity.
3. Direct Operating Expenses is primarily for provincially-operated (Schedule 1) facilities for the mentally retarded and children's institutions. It also includes salaries for Family Benefits field workers, vocational rehabilitation counsellors and various administrative functions.
4. Other Sources for Capital Expenditures are derived from charitable donations from private sources. See Table 30.2, note 2 re: operating expenditures.
5. Provincial Lottery Fund Payments are spent on social research and various institutions and non-profit organizations which provide social services (eg. Ontario Mental Health Foundation, McMaster University, etc.).

Table 30.4 General Welfare Assistance Allowances by Type of Expenditure, Ontario, 1974/75 to 1982/83

	General Assistance						
Year	Income Support	Income Offsets	Nursing Homes	Foster Child	Hostels	Other	Total
				$ '000's			
1982/83	245,401.7	30,166.0	350.4	906.6	18,521.7	24,263.0	319,609.4
1981/82	226,844.8	20,011.1	463.2	824.3	13,225.1	6,896.2	228,242.5
1980/81	204,031.2	16,536.9	416.3	785.2	11,377.6	1,199.5	201,272.8
1979/80	171,158.9	13,514.4	486.5	636.3	9,010.8	1,072.2	168,850.2
1978/79	160,217.9	12,983.1	535.6	539.3	7,748.6	884.8	156,943.1
1977/78	135,987.8	10,026.1	715.9	503.0	6,525.5	680.8	134,386.9
1976/77	117,299.6	8,622.0	805.2	598.8	4,835.0	2,163.3	117,079.9
1975/76	123,265.6	7,594.0	1,300.0	587.8	4,594.2	4,173.1	126,326.6
1974/75	98,970.0	5,508.7	6,056.2	512.6	2,976.4	3,436.1	106,442.6

Table 30.4 (cont'd.)

Year	Supplementary Aid	Special Assistance	Total
		$ '000's	
1982/83	7,362.3	12,833.5	339,805.2
1981/82	9,309.8	12,494.0	250,046.3
1980/81	10,002.1	12,794.4	224,069.3
1979/80	9,554.3	12,056.6	190,461.1
1978/79	8,327.9	11,357.7	176,628.7
1977/78	7,063.7	9,136.5	150,587.1
1976/77	5,598.9	6,908.3	129,587.2
1975/76	5,077.8	7,240.4	138,644.8
1974/75	5,444.2	6,319.2	118,205.9

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin.*

Notes: 1. See Table 30.1, note 1.

2. General Welfare Assistance data provided in this table cover municipalities with population in excess of 20,000 and all county and district administration boards. Together they account for about 86 percent to 94 percent of the total caseload in Ontario. See Table 30.1, note 3.
3. Income Support payments are based on recipient's basic requirements for food, shelter, clothing, fuel, utilities, household supplies, personal requirements and other costs.
4. An income offset is the amount of money deducted from the total benefits recipients are allowed to receive. The adjustment is made if a recipient's income from other sources is greater than the maximum amount allowed.
5. Payments to Nursing Homes are for residual nursing home cases that continue to be funded through General Welfare Assistance.
6. General Welfare Assistance can pay foster allowances to children not under the supervision of a Children's Aid Society.
7. Hostel agreements are negotiated by municipalities and Indian bands for funding under the General Welfare Assistance legislation.
8. Other includes expenditures on items such as special diets, and items required by pregnant women and recipients of advanced age.
9. Supplementary Aid and Special Assistance are assistance to people with particular needs which exceed their main sources of income. These figures are reported on a different basis due to the temporary nature of the needs of these recipients.

Table 30.5 General Welfare Assistance, Caseload and Beneficiaries During the Month of March, Ontario, 1975 to 1983

Year	Cases	Dependents	Beneficiaries	Expenditures
		number		$ '000's
1983	108,309	86,745	195,054	32,440.9
1982	81,013	68,249	149,262	22,127.0
1981	73,892	64,690	138,582	18,801.9
1980	68,718	60,978	129,696	15,222.6
1979	66,430	60,017	126,447	14,323.8
1978	63,570	59,910	123,480	12,966.3
1977	57,021	57,592	114,613	9,843.2
1976	57,908	62,780	120,688	10,796.3
1975	60,205	66,281	126,486	10,456.1

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin.*

Notes: 1. See Table 30.4, note 2.
2. Expenditure and caseload figures do not include supplementary aid, special assistance and hostel beneficiaries. See Table 30.4, note 9.
3. This table is based on unaudited figures as given by municipal governments on a monthly basis. These figures should be read as approximations which give general indications of volumes and trends.
4. Beneficiaries include all family members who benefit from the assistance.

Table 30.6 General Welfare Assistance Beneficiaries During the Month of March, Ontario, 1975 to 1983

	Employable					
	Family Units			Single Persons		
Year	Male Head	Female Head	Dependents	Male	Female	Total
			number			
1983	18,583	8,967	61,103	30,247	10,341	129,241
1982	11,681	6,079	39,490	16,414	6,666	80,330
1981	9,752	2,957	30,025	13,436	5,492	61,662
1980	8,705	2,947	27,291	12,832	5,636	57,411
1979	8,597	1,784	24,496	11,837	5,304	52,018
1978	8,388	1,333	23,955	11,691	4,868	50,235
1977	7,210	1,377	22,173	9,156	3,518	43,434
1976	7,380	1,148	23,379	8,979	3,872	44,758
1975	8,376	1,201	26,756	9,091	4,088	49,512

Table 30.6 (cont'd.)

	Unemployable					
	Family Units			Single Persons		
Year	Male Head	Female Head	Dependents	Male	Female	Total
			number			
1983	5,412	8,208	25,642	13,447	12,487	65,196
1982	4,920	10,429	28,759	12,066	12,105	68,279
1981	4,803	13,657	34,665	11,414	11,704	76,243
1980	4,541	13,266	33,687	9,727	10,364	71,585
1979	4,756	13,836	35,521	9,695	10,087	73,895
1978	4,591	13,754	35,955	8,995	9,371	72,666
1977	4,392	13,166	35,419	8,485	8,960	70,422
1976	4,407	14,654	39,401	7,809	8,740	75,011
1975	4,766	14,123	39,525	7,772	9,520	75,706

Table 30.6 (cont'd.)

Year	Foster Children	Nursing Homes	Total	Short Term Assistance Hostels Beneficiaries	Supple-mentary Aid	Special Assis-tance
			number			
1983	585	32	195,054	10,269	5,679	28,079
1982	632	21	149,262	8,795	4,367	14,971
1981	636	41	138,582	8,427	20,195	32,444
1980	634	66	129,696	7,930	20,881	27,234
1979	458	76	126,447	7,325	18,095	32,275
1978	493	82	123,480	7,119	17,117	31,332
1977	595	162	114,613	6,620	16,039	22,332
1976	586	333	120,688	7,189	13,876	23,586
1975	844	424	126,486	6,225	23,187	18,729

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin.*

Note: See Table 30.4, note 2.

Table 30.7 General Welfare Assistance Cases by Age and Sex of Head of Household, Ontario, 1983

	Male	Female	Total
		number	
Under 20 Years	5,387	5,574	10,961
20 – 29	22,804	12,941	35,745
30 – 39	11,988	6,135	18,123
40 – 49	7,849	3,917	11,766
50 – 59	6,266	4,043	10,309
60 – 64	1,287	676	1,963
65 & Over	453	467	920
Total	56,034	33,753	92,387

Source: Ministry of Community and Social Services, *Statistical Supplement.*

Notes: 1. Caseload as of March 31.

2. This table covers active cases in only 35 administrative units (geographical areas) as of March 31. Therefore, the numbers are significantly lower than those reported in Tables 30.5 and 30.6. Data are preliminary.

3. Total includes cases where sex of the head of the household is not available.

Table 30.8 General Welfare Assistance Cases by Marital Status and Sex of Head of Household, Ontario, 1983

	Employable		Unemployable		
	Male	Female	Male	Female	Total
			number		
Single	19,472	8,096	8,070	6,560	42,198
Married	9,381	24	3,211	7	12,623
Divorced	2,401	1,922	1,458	2,196	7,977
Deserted	134	1,578	68	822	2,602
Separated	4,151	5,383	2,098	4,724	16,356
Widowed	257	486	390	1,944	3,077
Common Law	4,108	5	835	6	4,954
Total	39,904	17,494	16,130	16,259	92,387

Source: Ministry of Community and Social Services, *Statistical Supplement.*

Note: See notes, Table 30.7

Table 30.9 Family Benefit Expenditures by Type of Recipient, Ontario, 1975/76 to 1982/83

Year	Single Persons	Family Units		Children		Total
		Couples	Families with Children	Foster	Handi-capped	
	$ '000's					
Guaranteed Annual Income for the Disabled						
1982/83	141,653.0	18,917.9	23,546.1	. . .	. . .	184,117.0
1981/82	96,139.6	10,703.2	12,950.6	. . .	. . .	119,973.3
1980/81	96,388.2	12,198.5	14,119.2	. . .	. . .	122,706.0
1979/80	89,485.4	12,038.1	14,092.7	. . .	. . .	115,616.2
1978/79	88,225.1	13,395.3	15,298.2	. . .	. . .	116,918.6
1977/78	90,138.2	15,184.5	17,303.6	. . .	. . .	122,626.4
1976/77	85,279.5	15,203.5	17,744.2	. . .	. . .	118,227.2
1975/76	88,191.8	17,583.1	18,435.9	. . .	. . .	124,210.8
Family Benefits Allowance						
1982/83	79,725.2	12,966.5	299,315.4	3,967.7	4,150.4	400,125.1
1981/82	95,668.5	15,741.7	268,273.2	3,683.4	3,608.0	388,808.4
1980/81	69,879.1	10,027.7	232,152.1	3,614.7	2,798.2	319,580.9
1979/80	56,505.4	7,169.5	204,964.4	3,409.7	2,020.8	274,181.8
1978/79	46,765.9	5,391.3	203,093.8	4,436.3	. . .	259,687.3
1977/78	39,793.4	4,042.0	198,521.0	3,597.4	. . .	245,953.8
1976/77	32,123.2	2,988.3	175,224.7	3,106.5	. . .	213,442.6
1975/76	21,323.0	2,673.5	160,914.7	2,994.2	. . .	187,905.3

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin.*

Notes: 1. See Table 30.1, note 1.

2. The figures in this table are significantly lower than those in Table 30.1 because these figures are preliminary. The figures in Table 30.1 have been corrected and adjusted for returned cheques, under and over payments, etc. Not included are expenditures for health and dental care. The figures should be read as approximations which give general indications of volumes and trends. See Table 30.1, note 4.

3. In 1980, there were changes to the Handicapped Children's Allowance Program to enable more people to apply for financial assistance for caring for their child at home.

4. From 1979/80 to 1982/83, total expenditures for Family Benefits Allowance recipients includes expenditures on the Work Incentive Program. This program was introduced in January 1980, and is designed to provide positive financial incentives for recipients of long-term social assistance to return to full-time employment.

Table 30.10 Family Benefits Cases by Type of Recipient During the Month of March, Ontario, 1975 to 1983

Year	Aged	Disabled & Blind	Perma-nently Unem-ployable	Depen-dent Fathers	Mothers	Foster Handicap Parents	Other Cases	Total
	number							
1983	5,014	29,899	26,031	4,344	55,046	5,075	3,360	128,769
1982	4,188	30,361	23,756	4,531	49,659	4,745	2,821	121,984
1981	3,514	31,487	21,706	4,881	48,926	4,586	2,608	119,095
1980	2,941	32,987	19,464	5,228	47,930	4,217	2,276	115,577
1979	2,820	34,520	17,174	5,532	47,930	2,509	603	111,115
1978	2,875	38,695	14,754	6,010	48,702	2,863	654	112,553
1977	3,156	37,534	12,353	6,152	46,436	2,700	686	109,017
1976	4,280	37,163	9,621	6,234	41,595	2,332	728	101,953
1975	6,145	33,704	7,606	6,081	36,239	2,179	326	92,280

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin.*

Notes: 1. A dependent father is defined as a father of a dependent child and who is permanently unemployable by reason of physical or mental disability.

2. Other Cases includes Work Incentive Program (see Table 30.9, note 4).

Table 30.11 Family Benefits Beneficiaries During the Month of March, Ontario, 1975 to 1983

		Family Units		Work	Dependents			
Year	Single Persons	Couples	Families with Children	Incentive Cases	Foster Children	Handicapped Children	Other	Beneficiaries
				number				
1983	57,403	6,156	60,135	1,776	2,924	2,940	112,737	244,071
1982	54,915	5,789	54,612	1,923	2,748	2,719	109,928	232,634
1981	53,394	5,539	54,189	1,387	2,895	2,431	110,484	230,319
1980	51,991	5,366	53,464	539	3,062	1,911	110,138	226,471
1979	49,598	5,358	53,650	. . .	3,244	. . .	112,713	224,563
1978	49,090	5,680	54,920	. . .	3,749	. . .	119,405	232,844
1977	47,603	5,915	52,799	. . .	3,631	. . .	119,581	229,529
1976	45,036	6,559	48,026	. . .	3,196	. . .	115,406	218,223
1975	41,073	6,697	42,331	. . .	3,026	. . .	106,618	202,771

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin.*

Notes: 1. See Table 30.9, notes 3 and 4.
2. Beneficiaries includes all family members who are included in the payment calculations.

Table 30.12 Family Benefits Cases by Type of Recipient and Age of Head of Household During the Month of March, Ontario, 1983

	16 – 20	21 – 30	31 – 40	41 – 50	51 – 60	61 – 65	66 +	Total
					number			
Aged Single	–	–	–	–	24	2,314	2,029	4,367
Aged Married	–	–	–	–	–	–	641	641
Wife Recipient of OAS	–	–	–	–	–	1	5	6
Disabled Single	1,310	7,040	5,708	4,175	5,079	3,274	326	26,912
Disabled Married	1	124	180	190	685	469	94	1,743
Blind Single	95	345	196	140	188	145	22	1,131
Blind Married	–	8	10	14	42	29	10	113
Dependent Father (Blind)	–	19	33	32	21	4	2	111
Dependent Father (Other)	–	179	588	1,163	1,637	442	224	4,233
Mother Widow	6	177	582	1,112	1,257	171	15	3,320
Mother Deserted	143	7,205	7,636	3,584	1,230	60	3	19,861
Mother Divorced	8	1,919	4,214	2,186	582	28	1	8,939
Mother Unwed	2,514	11,448	3,768	1,237	444	28	–	19,439
Mother Penal	6	99	69	13	7	–	–	194
Mother Other	5	127	153	162	172	42	66	667
Mother Separated	33	1,299	956	258	67	13	–	2,626
Foster Parent	. .	. .	. .	. .	. .	. .	. .	2,247
Other Cases	2	6	4	10	22	8	7	59
Chronic	35	111	104	109	158	71	15	603
Permanently Unemployable	375	3,008	2,303	2,783	8,883	7,377	1,302	26,031
Handicapped Non-shareable	. .	. .	. .	. .	. .	. .	. .	2,472
Handicapped Shareable	. .	. .	. .	. .	. .	. .	. .	356
Single Rehab. No Child	546	1,033	275	112	53	1	–	2,020
Married Rehab. No Child	3	30	12	15	8	–	–	68
Rehab. With Children	1	76	117	40	7	–	–	241
No Information	3	79	129	80	62	15	1	369
Total	5,086	34,332	27,038	17,415	20,628	14,492	4,703	128,769

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin.*

Note: See Table 30.10, note 1.

Table 30.13 Residents in Homes for the Aged by Type of Care, Ontario, 1970/71 to 1983/84

Year	Homes	Residents		
		Residential Care	Extended Care	Total
		number		
Municipal Homes				
1983/84	89	6,773	9,692	16,465
1982/83	89	7,275	9,626	16,901
1981/82r	89	7,896	9,526	17,422
1980/81	89	. .	. .	. .
1979/80	89	7,515	9,282	16,797
1978/79	89	7,763	9,231	16,994
1977/78	90	8,132	8,846	16,978
1976/77	89	7,769	8,875	16,644
1975/76	89	7,794	8,595	16,389
1974/75	88	8,062	8,527	16,589
1973/74	87	7,521	8,736	16,257
1972/73	84	7,088	8,778	15,866
1971/72	83	. .	. .	15,171
1970/71	83	. .	. .	14,282
Charitable Homes				
1983/84	93	6,316	2,814	9,130
1982/83	93	6,273	2,592	8,865
1981/82	91	6,376	2,590	8,966
1980/81	92	. .	. .	. .
1979/80	92	6,392	2,739	9,131
1978/79	91	6,421	2,685	9,106
1977/78	90	6,422	2,463	8,885
1976/77	91	6,181	2,423	8,604
1975/76	87	5,779	2,275	8,054
1974/75	90	5,841	2,185	8,026
1973/74	91	5,633	2,237	7,870
1972/73	89	5,296	2,216	7,522
1971/72	83	. .	. .	7,044
1970/71	82	. .	. .	6,656

Sources: Ministry of Community and Social Services, *Statistics About People.*
Homes for the Aged, Annual Report of Residents.
Statistical Supplement.
Program and Resource Summary.

Note: Number of homes and residents are as of March 31.

Table 30.14 Residents of Homes for the Aged by Age, Sex and Type of Care, Ontario, 1984

	Residential Care		Extended Care		
	Male	Female	Male	Female	Total
			number		
Municipal Homes					
Under 60 Years	69	59	43	51	222
60 – 64	138	99	105	107	449
65 – 69	215	217	195	217	844
70 – 74	366	423	383	551	1,723
75 – 84	973	1,877	1,084	2,452	6,386
85 & Over	672	1,665	951	3,553	6,841
Total	2,433	4,340	2,761	6,931	16,465
Charitable Homes					
Under 60 Years	79	43	12	8	142
60 – 64	51	39	9	11	110
65 – 69	84	121	18	41	264
70 – 74	184	350	49	101	684
75 – 84	595	2,073	222	730	3,620
85 & Over	554	2,143	294	1,319	4,310
Total	1,547	4,769	604	2,210	9,130
Total	3,980	9,109	3,365	9,141	25,595

Source: Ministry of Community and Social Services, *Homes for the Aged, Annual Report of Residents. Management Information System.*

Note: Data are as of March 31, 1984.

Table 30.15 Child Welfare Services, Children's Aid Societies, Ontario, 1975 to 1984

	Protection & Prevention Services				Children in Care			
Year	Cases Carried Over	New Cases	Cases Re-opened	Total	Cases Carried Over	Admitted to Care	Total	Total
				number				
1984	23,223	26,590	14,007	63,820	11,019	10,175	21,194	85,014
1983	22,989	24,006	11,905	58,900	11,407	10,253	21,660	80,560
1982r	22,326	22,884	10,026	55,236	12,129	10,164	22,293	77,529
1981	21,294	17,190	8,684	47,168	13,033	10,418	23,451	70,619
1980	22,060	18,121	8,308	48,489	14,008	11,840	25,848	74,337
1979	20,696	17,697	8,088	46,481	13,814	12,297	26,111	72,592
1978	18,226	16,631	8,222	43,080	13,125	12,397	25,522	68,602
1977	16,050	14,023	7,244	37,317	12,962	11,771	24,733	62,050
1976	15,396	12,320	6,480	34,196	13,904	10,691	24,595	58,791
1975	14,283	12,588	6,393	33,264	13,718	11,917	25,635	58,899

Sources: Ministry of Community and Social Services, For 1982 and subsequent years, *Children's Aid Society Quarterly Reporting System.* For 1975 – 1981, *Children's Aid Society Monthly Statistical Report.*

Notes:
1. Figures in this table are 12 months cumulative from January to December of each year.
2. Child Welfare Services refers to children in care and under the protection and prevention services of children's aid societies.
3. Cases Carried Over indicates cases from previous year.
4. A case is any child or family where the need for ongoing services (beyond a brief service) is indicated and a file is opened.

Table 30.16 Capacity of Day Nurseries by Operator Type and Enrolment, Ontario, 1984

	Facilities	Licenced Capacity	Enrolment		
			Handicapped	Other	Total
			number		
Approved Charitable Corporation	118	4,000	578	4,106	4,684
Approved Charitable Handicapped Corporation	50	1,070	751	260	1,011
Charitable Corporation	686	22,455	423	27,478	27,901
Indian Band	27	844	7	860	867
Individual for an Unincorporated Group	130	3,583	21	4,689	4,710
Municipal Corporation	162	8,129	390	8,826	9,216
Non-charitable Corporation	415	19,047	176	22,146	22,322
Private Individual	411	14,212	27	17,960	17,987
Total	1,999	73,340	2,373	86,325	88,698

Source: Ministry of Community and Social Services, Day Nurseries Information Systems (DNIS).

Notes: 1. Since data for DNIS are normally inputted only annually at the time of licensing of each day nursery, the data included are only that on file as of the chosen date. The true effective date for the data varies for each nursery. Therefore, the data for any given nursery on a chosen date can be up to one year old..

2. Enrolment figures are the number of children who are registered to attend the nursery for various program durations, i.e. part day, full day, etc. Capacity relates to the maximum licenced number of children that can be in the nursery at any one time, based on space and staff requirements.

Table 30.17 Homemakers and Nurses Services, Ontario, 1976/77 to 1982/83

	Homemakers Services					
	Caseload					
Year	Family Unit	Single Person	Total	Hours of Service	Average Cost per Hour	Total Cost
		number		'000's	$	$ '000's
1982/83	17,849	22,972	40,821	1,690.1	. .	. .
1981/82	18,334	23,940	42,274	1,627.3	4.40	7,170.0
1980/81	16,667	17,146	33,813	1,780.9	4.04	7,195.0
1979/80	16,566	20,699	37,265	1,563.6	3.73	5,829.5
1978/79	16,652	20,131	36,783	1,416.1	3.79	5,365.8
1977/78	18,166	19,574	37,740	1,416.1	3.66	5,182.8
1976/77	16,038	14,944	30,982	1,303.6	3.43	4,473.4

Table 30.17 (cont'd.)

	Nurses Services					
	Caseload					
Year	Family Unit	Single Person	Total	Number of Visits	Cost per Visit	Total Cost
		number		'000's	$	$ '000's
1982/83	1,723	6,903	8,626	94.2	. .	. .
1981/82	2,500	9,692	12,192	119.6	16.12	1,928.0
1980/81	2,708	10,655	13,363	127.0	14.70	1,866.7
1979/80	2,568	10,460	13,028	133.4	11.31	1,508.5
1978/79	3,953	15,310	19,236	135.0	10.80	1,458.1
1977/78	4,394	17,429	21,823	129.6	11.75	1,522.8
1976/77	3,289	11,172	14,461	144.5	10.41	1,503.8

Sources: Ministry of Community and Social Services, *Program and Resource Summary*.
Statistical Supplement.

Notes: 1. See Table 30.1, note 1.

2. The costs in this table cover only those services eligible under the Homemakers and Nurses Services Act. Additional costs for other services included in this program such as heavy cleaning, yard work, etc. are funded under the Ministry of Community and Social Services Act. See Table 30.3 re: total expenditure for Homemakers and Nurses Services program.

Table 30.18 Workshops, Training and Rehabilitation Services for the Disabled, Caseload and Expenditures, Ontario, 1974/75 to 1983/84

Year	Vocational Rehabilitation: New Persons Served	Vocational Rehabilitation: Total Persons Served	Vocational Rehabilitation: Persons Provided With Training	Vocational Rehabilitation: Cost of Program	Workshops for Disabled: Work-shops	Workshops for Disabled: Approved Trainees	Workshops for Disabled: Cost of Program
		number		$ '000's		number	$ '000's
1983/84	5,000	14,700	4,900	20,223.1	40	2,671	13,572.0
1982/83	4,897	14,693	4,877	18,515.1	40	2,671	12,464.5
1981/82	5,196	13,635	4,273	14,975.9	39	2,573	12,136.5
1980/81	5,105	13,693	4,440	11,433.1	40	2,519	8,761.6
1979/80	4,665	13,395	4,098	9,661.3	39	2,419	8,366.1
1978/79	4,732	13,600	3,087	9,512.2	39	2,367	7,840.0
1977/78	4,468	12,739	3,340	8,892.9	39	2,562	6,796.5
1976/77	4,469	12,644	3,011	9,219.3	39	2,562	6,035.0
1975/76	4,289	11,800	3,324	10,522.1	38	2,304	4,799.4
1974/75	4,098	10,659	3,348	10,660.2	45	2,032	2,656.7

Sources: Ministry of Community and Social Services, *Program and Resource Summary*.
Expenditures by Municipality.

Notes:
1. See Table 30.1, note 1.
2. The Ministry of Community and Social Services' rehabilitation program attempts to develop, restore or improve the working capacity of physically handicapped people to enable them to join the work force.
3. New Persons Served refers to those who receive assessment in order to be approved for placement in vocational training programs.
4. Total Persons Served refers to both new persons served and cases carried over from the previous year.
5. Persons Provided With Training refers to those participating in a vocational training program with the goal of entering the competitive labour market. For those persons unable to entertain this goal, meaningful sheltered employment is offered by approved workshops.
6. The cost of the Vocational Rehabilitation Program includes training expenses as well as other rehabilitation services for the disabled.
7. Sources of revenue for workshops include both provincial and private contributions and revenue derived from the sale of goods produced by the workshops.
8. Figures for 1983/84 are forecasts.

Table 30.19 Residents by Age and Sex in Provincial and Community Mental Retardation Facilities, Ontario, 1983

	In Residence		In Approved Homes		Administered Residences		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
					number			
Provincially Operated Facilities, Schedule I's								
0 – 9 Years	48	22	–	–	–	–	48	22
10 – 17	251	109	21	7	4	4	276	120
18 – 29	1,359	820	29	31	10	6	1,398	857
30 – 39	799	555	11	9	6	3	816	567
40 & Over	741	507	26	16	4	2	771	525
Total	3,198	2,103	87	63	24	15	3,309	2,091
Community Operated Facilities, Schedule II's								
0 – 9 Years	88	82	3	–	3	6	94	88
10 – 17	160	129	1	4	12	15	173	148
18 – 29	205	172	–	4	5	6	210	182
30 – 39	49	34	1	1	–	1	50	36
40 & Over	71	76	2	2	–	–	73	78
Total	573	493	7	11	20	28	600	532
Total	3,771	2,506	94	74	44	43	3,909	2,623

Source: Ministry of Community and Social Services, *Statistical Supplement.*

Notes: 1. Residents as of March 31, 1983.

2. Residential programs and services for developmentally handicapped people are delivered through 13 Provincial government-operated Schedule I facilities and 10 Provincial government funded, community board-operated Schedule II facilities.
3. Administered Residences (formerly called Facility Operated Community Residence) refers to community residences operated by the Province (Schedule I Facilities) or community boards (Schedule II Facilities) to accommodate the more seriously retarded facility residents, who would otherwise not achieve a community placement for a variety of reasons.

Table 30.20 Guaranteed Annual Income System for the Aged, Recipients and Payments, Ontario, 1974/75 to 1984/85

Year	Annual Guaranteed Income		Maximum Monthly Payments		Recipients	Total Payment
	Single	Couple	Single	Couple		
		dollars			#	$ millions
1984/85	8,187	13,650	83.00	166.00	203,310	111.9
1983/84	6,939	13,218	48.88	164.24	175,500	89.5
1982/83	6,625	12,590	48.88	158.22	188,918	88.8
1981/82	6,063	11,466	48.88	147.48	211,082	97.3
1980/81	5,448	10,235	48.88	134.70	229,756	103.3
1979/80	4,453	8,665	38.88	108.24	227,732	90.1
1978/79	4,120	8,001	38.88	104.02	244,515	99.5
1977/78	3,599	7,199	38.88	101.88	256,004	108.3
1976/77	3,352	6,704	38.88	99.96	269,973	117.5
1975/76	3,180	6,360	38.88	98.64	280,582	105.5
1974/75	2,766	5,532	26.23	71.30	265,200	60.8

Source: Ministry of Treasury and Economics, Pension and Income Support Policy Branch.

Notes: 1. Annual guarantees and total payments are for fiscal years ending March 31.

2. Recipients and Maximum Monthly Payments are as of March 31.
3. The Guaranteed Annual Income System for the Aged (GAINS-A) was introduced on July 1, 1974. Therefore, the data for 1974/75 cover a nine month period.
4. The decline in GAINS-A recipients in recent years is due mainly to the maturing of the Canada Pension Plan, an increase in the number of people receiving retirement benefits from voluntary employment pension plans and an increase in investment and interest earnings from private savings.
5. GAINS-A ensures a minimum annual income for eligible Ontario residents 65 years and over (normally GIS recipients). It guarantees seniors an income equal to an established minimum. Since the federal OAS and GIS payments fall short of the minimum, Ontario makes up the difference through the GAINS program. Most items considered income under the Canadian Tax Act are also income for the purpose of the GAINS program. Items which are not considered income include Workers' Compensation Payments, Ontario Tax Grants or Credits, Farm Tax Rebates, Disability and Widow's Pension, Spouse's Allowance and Veteran's Allowance.

Table 30.21 Old Age Security, Maximum Monthly Pension, Canada, Effective Dates, 1952 to 1985

Year	Effective Date	Basic Pension	Guaranteed Income Supplement		Maximum Pension	
			Single	Couple	Single	Couple
			dollars			
1985	January 1	273.80	325.41	423.86	599.21	971.46
1984	October 1	272.17	298.47	421.34	570.64	965.68
1984	July 1	269.74	295.81	417.58	565.55	957.06
1984	April 1	266.28	267.33	412.22	533.61	944.78
1984	January 1	263.78	265.60	409.72	529.38	937.28
1983	October 1	260.52	261.55	403.30	522.07	924.34
1983	July 1	256.67	257.68	397.34	514.35	910.68
1983	April 1	254.13	255.13	393.40	509.26	901.66
1983	January 1	250.62	252.60	389.74	503.22	890.98
1982	October 1	246.92	247.89	382.24	494.81	876.08
1982	July 1	239.73	240.67	371.10	480.40	850.56
1982	April 1	232.97	233.89	360.64	466.86	826.58
1982	January 1	227.73	228.63	352.54	456.36	808.00
1981	October 1	221.74	222.62	343.28	444.36	786.76
1981	July 1	214.86	215.72	332.64	430.58	762.36
1981	April 1	208.20	209.03	322.32	417.23	738.72
1981	January 1	202.14	202.94	312.94	405.08	717.22
1980	October 1	196.83	197.60	304.72	394.43	698.38
1980	July 1	191.28	192.03	296.14	383.31	678.70
1980	April 1	186.80	153.35	255.02	340.15	628.62
1980	January 1	182.42	149.76	249.04	332.18	613.88
1979	January 1	167.21	137.28	228.30	304.49	562.72
1978	January 1	153.44	107.62	191.12	261.06	498.00
1977	January 1	141.34	99.13	176.06	240.47	458.74
1976	January 1	132.90	93.22	165.56	226.12	431.36
1975	January 1	120.06	84.21	149.58	204.27	389.70
1974	January 1	108.14	75.85	134.74	183.99	351.02
1973	October 1	105.30	73.86	131.20	179.16	341.80
1973	April 1	100.00	70.14	124.60	170.14	324.60
1972	January 1	82.88	67.12	119.24	150.00	285.00
1971	April 1	80.00	55.00	95.00	135.00	255.00
1970	January 1	79.58	31.83	63.66	111.41	222.82
1969	January 1	78.00	31.20	62.40	109.20	218.40
1968	January 1	76.50	30.60	61.20	107.10	214.20
1967	January 1	75.00	30.00	60.00	105.00	210.00
1963	October 1	75.00	–	–	75.00	150.00
1962	June 1	65.00	–	–	65.00	130.00
1957	November 1	55.00	–	–	55.00	110.00
1957	July 1	46.00	–	–	46.00	92.00
1952	January 1	40.00	–	–	40.00	80.00

Sources: Canadian Tax Foundation, *The National Finances.*
Health and Welfare Canada, *Old Age Security, Guaranteed Income Supplement and Spouse's Allowance.*

Notes: 1. The Old Age Security Act, effective January 1952, provided flat-rate benefits on a universal basis for everyone aged 70 or more who met residence requirements. The age of eligibility was lowered to 69 in 1966, and progressively by one year in each succeeding year to 65 in 1970.

2. The Guaranteed Income Supplement program, which came into effect in January 1967, is aimed at further assisting pensioners with little or no income other than the Old Age Security pension.

3. Ontario residents entitled to the federal Guaranteed Income Supplement (GIS) are eligible for top-up Guaranteed Annual Income System for the Aged (GAINS-A) payments if they satisfy an income test. GAINS-A is more selective than GIS and provides benefits for only the very low income elderly. See Table 30.20 re: GAINS-A.

Table 30.22 Old Age Security, Recipients and Benefit Payments, Ontario, 1971/72 to 1984/85

Year	Recipients			Benefit Payments				
	OAS	GIS	Spouses	OAS	GIS	Spouses	Total	% of Canada
	number			$ millions				
1984/85	937,545	388,410	26,310	2,998.6	838.1	60.9	3,897.7	34.1
1983/84	907,832	373,049	24,826	2,786.4	710.5	55.6	3,552.5	34.1
1982/83	885,572	378,819	24,260	2,559.0	686.0	51.5	3,296.5	34.2
1981/82	866,275	384,622	23,922	2,245.0	648.2	47.4	2,940.6	34.3
1980/81	843,181	383,895	23,011	1,950.1	557.9	40.2	2,548.1	33.4
1979/80	819,248	364,180	21,228	1,723.5	435.9	32.1	2,191.5	34.7
1978/79	786,960	354,828	19,118	1,524.8	361.7	27.2	1,913.8	34.9
1977/78	761,303	349,275	18,336	1,347.1	316.4	23.7	1,687.2	34.7
1976/77	737,867	343,891	17,714	1,215.4	299.6	20.6	1,535.6	34.6
1975/76	717,081	338,404	12,434	1,087.5	275.0	6.8	1,369.3	34.8
1974/75	702,661	340,869	. . .	958.8	248.8	. . .	1,207.6	35.0
1973/74	682,411	338,292	. . .	834.2	229.8	. . .	1,064.0	35.1
1972/73	664,537	328,364	. . .	653.4	228.0	. . .	881.4	34.9
1971/72	648,918	303,430	. . .	620.9	155.0	. . .	775.9	35.2

Sources: Statistics Canada, *Social Security National Programs, Old Age Security, Guaranteed Income Supplement and Spouse's Allowance,* (86-509). Health and Welfare Canada, *Monthly Statistics, Income Security Programs,* March 1982, 1983, 1984.

Notes: 1. Recipients as of March of years specified.

2. In 1975, the Spouse's Allowance was introduced effective October of that year to assist married couples of limited income, of whom one is already an Old Age Security pensioner and the other is in the 60 to 64 age group. More recently, it has been expanded to allow continued payment to the surviving spouse after the death of the pensioner if there was entitlement to the allowance for the month in which the pensioner died.

3. Benefit Payments figures have been adjusted for retroactive payments and recoveries. These payments are for fiscal years ending March 31.

Table 30.23 Canada Pension Plan Monthly Contributions and Benefits, Canada, 1966 to 1985

Year	Year's Basic Exemption	Year's Maximum Pensionable Earnings	Employees' Maximum Contri-butions	Maximum Monthly Pension: Retirement	Maximum Monthly Pension: Spouse Under 65	Maximum Monthly Pension: Orphan	Maximum Monthly Pension: Disability
				dollars			
1985	2,300	23,400	379.80	435.42	250.84	87.56	414.13
1984	2,000	20,800	338.40	387.50	229.18	83.87	374.50
1983	1,800	18,500	300.60	345.15	208.03	78.60	337.46
1982	1,600	16,500	268.20	307.65	186.17	70.68	301.42
1981	1,400	14,700	239.40	274.31	165.78	62.91	268.64
1980	1,300	13,100	212.40	244.44	148.92	57.25	240.58
1979	1,100	11,700	190.80	218.06	134.28	52.51	216.06
1978	1,000	10,400	169.20	194.44	121.11	48.19	194.02
1977	900	9,300	151.20	173.61	109.94	44.84	175.05
1976	800	8,300	135.00	154.86	99.51	41.44	157.59
1975	700	7,400	120.60	122.50	88.31	37.27	139.35
1974	700	6,600	106.20	98.33	76.73	33.76	125.95
1973	600	5,600	90.00	80.21	70.34	28.15	114.09
1972	600	5,500	88.20	67.50	69.79	27.60	111.98
1971	600	5,400	86.40	55.21	68.47	27.06	109.88
1970	600	5,300	84.60	43.33	67.16	26.53	92.88
1969	600	5,200	82.80	31.88	65.85	26.01	–
1968	600	5,100	81.00	20.97	64.82	25.50	–
1967	600	5,000	79.20	10.42	–	–	–
1966	600	5,000	79.20	–	–	–	–

Source: Canadian Tax Foundation, *The National Finances*.

Notes:
1. Data are as of January 1 of each year specified from inception of program.
2. Members of the Canadian labour force (both employees and self-employed persons) between the ages of 18 and 65 who earn over the Year's Basic Exemption must contribute to either the Canada Pension Plan or the Quebec Pension Plan. Persons over age 65 still in the labour force have the option of continuing to contribute until age 70.
3. Employers make contributions equal to their employees. Self-employed persons contribute both as employer and employee. Their contribution is double the amount shown for Employees' Maximum Contributions.
4. Benefits payable under the Canada Pension Plan may be classified under three major headings: retirement pensions; survivors' benefits (i.e., surviving spouses' pensions, orphans' benefits, and lump-sum death benefits); and disability benefits (i.e., pensions for disabled contributors and benefits for their dependent children).
5. Pension payments began in January 1967 and were phased in over the first 10 years up to the full rate of 25 percent of pensionable earnings.
6. Disability benefits first became payable in February 1970.

Table 30.24 Canada Pension Plan Beneficiaries and Payments by Type of Benefit, Ontario, 1969/70 to 1983/84

Year	Beneficiaries					Benefit Payments	
	Retirement	Disability	Survivors	Total	% of Canada	Total	% of Canada
	number					$ million	
1983/84	499,145	86,936	222,818	808,899	49.8	1,893.4	51.8
1982/83	470,959	81,800	209,014	761,773	50.1	1,501.8	52.1
1981/82	444,403	71,528	194,344	710,275	50.2	1,284.7	52.3
1980/81	415,299	66,325	181,015	662,639	50.3	1,054.2	52.4
1979/80	384,580	61,906	164,744	611,230	50.3	858.0	52.5
1978/79	339,135	59,153	139,797	538,085	48.7	706.4	53.2
1977/78	310,565	54,493	130,735	495,793	49.2	566.0	52.5
1976/77	281,215	50,099	118,430	449,744	49.6	446.9	53.6
1975/76	245,103	41,000	105,780	391,883	50.0	313.8	53.4
1974/75	197,591	31,897	90,643	320,131	50.3	210.3	52.7
1973/74	164,346	24,978	78,995	268,319	50.7	148.7	53.5
1972/73	136,692	17,645	66,173	220,510	50.9	111.1	53.9
1971/72	113,916	9,512	51,719	175,147	51.4	77.7	53.8
1970/71	89,972	2,561	37,847	130,380	51.7	48.8	54.7
1969/70	60,907	67	22,795	83,769	52.3	25.9	54.8

Source: Health and Welfare Canada, *Canada Pension Plan Reports.*

Notes: 1. The plan is applicable throughout Canada except in the Province of Quebec where a comparable pension plan has been established. The two plans together cover virtually all members of the Canadian labour force.

2. Beneficiaries are as of March of years specified.
3. See Table 30.23, notes 4 and 6.
4. Survivors' benefits are payable to surviving spouses and orphans of deceased contributors.
5. A person may receive a retirement pension or a disability pension together with a surviving spouse's pension.
6. Payments are for fiscal years ending March 31.

Table 30.25 Canada Pension Plan Contributions and Contributors by Employment Status, Ontario, 1970 to 1983

Year	Contributors					Contributions	
	Employed	Self-employed	Mixed	Total	% of Canada	Total	% of Canada
	'000's					$ millions	
1983	3,868.9	200.4	124.4	4,193.6	49.9	1,794.8	50.2
1982	3,873.8	192.5	116.0	4,182.5	49.3	1,652.3	49.2
1981	3,925.0	190.5	122.1	4,237.5	49.1	1,535.9	48.9
1980	3,747.8	193.2	117.3	4,058.3	49.5	1,316.1	49.5
1979	3,790.2	200.0	127.6	4,117.8	50.5	1,216.2	50.6
1978	3,630.0	188.7	120.6	3,939.3	50.6	1,049.5	50.9
1977	3,625.9	186.6	117.5	3,930.0	51.3	951.5	51.6
1976	3,610.7	185.2	115.3	3,911.2	51.7	858.7	52.0
1975	3,559.7	182.8	111.3	3,853.7	57.2	756.9	52.3
1974	3,473.5	177.9	110.4	3,761.8	58.1	658.3	53.1
1973	3,590.8	174.2	109.8	3,874.7	52.7	543.4	53.7
1972	3,463.9	169.9	101.7	3,735.5	52.9	494.2	54.3
1971	3,325.9	183.6	86.1	3,595.5	53.2	455.8	54.8
1970	3,252.0	175.5	82.7	3,510.2	53.6	428.7	55.3

Source: Health and Welfare Canada, *Canada Pension Plan Contributors.*

Notes: 1. A contributor having earnings only from salary and wages is considered an employee. Contributors having only earnings from self-employment are classified as Self-employed. If a contributor has both employment and self-employment earnings, he is classified as Mixed.

2. See Table 30.23, notes 2 and 3.

Table 30.26 Family Allowances, Recipients and Benefit Payments, Ontario, 1971/72 to 1984/85

Year	Recipients Families	Recipients Children	Average Monthly Benefit Per Child	Benefit Payments Total	Benefit Payments % of Canada
	'000's		$	$ millions	
1984/85	1,268.8	2,276.5	31.76	837.1	34.6
1983/84	1,266.1	2,278.5	30.31	800.1	34.4
1982/83	1,268.0	2,293.9	28.52	763.5	34.2
1981/82	1,270.4	2,316.1	26.91	699.4	34.6
1980/81	1,281.4	2,361.9	23.96	644.8	34.8
1979/80	1,286.2	2,407.1	21.80	600.9	34.8
1978/79	1,285.8	2,451.0	20.00	726.7	34.7
1977/78	1,284.6	2,500.6	25.68	740.4	34.9
1976/77	1,274.5	2,534.9	23.89	694.3	35.1
1975/76	1,259.3	2,557.2	22.08	685.8	35.0
1974/75	1,241.3	2,566.8	22.08	612.1	34.0
1973/74	1,199.5	2,534.6	20.00	330.8	35.1
1972/73	1,115.6	2,402.9	6.75	190.3	34.7
1971/72	1,102.8	2,382.3	6.79	191.4	34.5

Sources: Statistics Canada, *Social Security National Programs, Family Allowances and Related Programs,* (86-508).
Health and Welfare Canada, *Monthly Statistics Income Security Programs, March 1982, 1983, 1984.*

Notes:
1. Recipients and Average Monthly Benefit Per Child are as of March of years specified.
2. Families includes non-family accounts payable to child-placing agencies, administrators, and trustees, constituting about 1 percent of all active accounts.
3. A new Family Allowances program was introduced in 1974, replacing the old Family Allowances, Family Assistance and Youth Allowances.
4. The Family Allowances rate was dropped to $20 per month as of January 1979, from a rate of $25.68 in 1978/79. This reduction in rate was intended to provide funds for the new Child Tax Credit program.
5. Benefit Payments have been adjusted for retroactive payments and recoveries. Payments are for fiscal years ending March 31.

Table 30.27 Unemployment Insurance, Maximum Rates of Weekly Benefit, Canada, Effective Dates, 1941 to 1985

Year	Effective Date	Person Without Dependent	Person With Dependent
		dollars	
1985	January 1	276.00	276.00
1984	January 1	255.00	255.00
1983	January 1	231.00	231.00
1982	January 1	210.00	210.00
1981	January 1	189.00	189.00
1980	January 1	174.00	174.00
1979	January 1	159.00	159.00
1978	January 1	160.00	160.00
1977	January 1	147.00	147.00
1976	January 1	133.00	133.00
1975	January 1	123.00	123.00
1974	January 1	113.00	113.00
1973	January 1	107.00	107.00
1971	August 28	100.00	100.00
1971	January 3	46.00	58.00
1968	June 30	42.00	53.00
1959	September 27	27.00	36.00
1955	October 2	23.00	30.00
1952	July 14	17.10	24.00
1950	July 1	16.20	21.00
1948	October 4	14.40	18.30
1946	October 1	12.30	14.40
1941	July 1	12.24	14.40

Source: Canadian Tax Foundation, *The National Finances.*

Note: Data refer to effective dates of change from inception of the system.

Table 30.28 Unemployment Insurance Contributions and Beneficiaries by Sex, Ontario Compared to Canada, 1972 to 1983

	Contributors		Contributions		Beneficiaries		Benefit Payment	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		$ millions		'000's		$ millions	
Male								
1983	2,412.6	37.7	759.2	38.9	626.5	30.5	. .	. .
1982	2,389.0	37.3	502.8	38.3	579.2	30.4	. .	. .
1981	2,429.1	36.8	517.5	37.8	416.2	29.2	. .	. .
1980	2,358.9	36.8	347.9	37.9	404.3	30.1	. .	. .
1979	2,366.0	37.2	317.1	38.3	391.2	28.8	. .	. .
1978	2,351.1	37.4	319.4	38.7	414.9	28.0	. .	. .
1977	2,343.8	37.5	295.6	39.9	422.1	28.6	. .	. .
1976	2,349.1	37.8	298.0	39.3	425.2	30.0	. .	. .
1975	2,359.7	37.9	232.0	39.4	473.3	31.8	. .	. .
1974	2,348.9	38.2	199.8	39.9	352.4	29.1	. .	. .
1973	2,284.6	38.6	119.2	40.6	338.6	28.8	. .	. .
1972	2,200.1	38.8	86.8	40.8	358.5	30.1	. .	. .
Female								
1983	1,900.7	39.4	445.9	39.9	439.1	32.7	. .	. .
1982	1,866.4	39.1	291.7	39.3	395.8	32.5	. .	. .
1981	1,873.8	38.7	286.2	38.9	325.6	32.4	. .	. .
1980	1,752.5	38.6	181.1	39.2	302.9	32.5	. .	. .
1979	1,735.3	39.2	162.4	40.0	308.7	31.6	. .	. .
1978	1,682.0	39.3	161.4	40.0	334.9	32.2	. .	. .
1977	1,642.6	39.6	146.7	40.5	333.5	33.3	. .	. .
1976	1,620.6	39.2	144.8	41.1	347.3	35.3	. .	. .
1975	1,600.1	40.4	108.1	41.8	359.6	37.2	. .	. .
1974	1,569.6	41.1	86.7	42.8	312.8	36.4	. .	. .
1973	1,463.3	41.3	48.0	43.7	300.7	36.2	. .	. .
1972	1,363.6	41.6	33.6	44.3	268.3	37.7	. .	. .
Total								
1983	4,313.3	38.4	1,205.1	39.2	1,065.6	31.4	2,859.4	28.1
1982	4,255.4	38.1	794.4	38.7	975.0	31.2	2,380.6	27.8
1981	4,302.8	37.6	803.7	38.2	741.8	30.5	1,258.0	26.1
1980	4,111.4	37.5	529.0	38.3	707.2	31.1	1,236.6	28.1
1979	4,101.3	38.0	479.4	38.9	700.0	30.0	1,024.3	25.6
1978	4,033.0	38.2	480.8	39.1	749.8	29.7	1,160.8	25.6
1977	3,986.4	38.4	442.4	39.4	755.6	30.5	1,004.0	25.8
1976	3,969.7	38.6	442.8	39.9	772.4	32.2	920.9	27.6
1975	3,959.8	38.9	340.1	40.2	832.9	33.9	974.6	31.0
1974	3,918.4	39.8	286.5	40.8	665.1	32.2	606.0	28.6
1973	3,747.9	39.6	167.2	41.4	639.3	31.9	604.7	30.2
1972	3,563.7	39.8	120.4	41.7	626.8	32.9	603.2	32.2

Source: Statistics Canada, *Benefit Periods Established and Terminated Under the Unemployment Insurance Act, (73-201).*
Statistical Report on the Operation of the Unemployment Insurance Act, (73-001).

Notes: 1. A contributor is a person for whom the employer deducts unemployment insurance premium from earnings. Thus, the data provide an unduplicated count of all employees who worked during a calendar year and made contributions under the Unemployment Insurance Act.

2. A beneficiary is a person who received unemployment insurance benefits during a calendar year. The data show an unduplicated count of beneficiaries, that is, during any one year each beneficiary is counted only once regardless of the number of times benefits were collected during that period.

Table 30.29 Unemployment Insurance Contributions and Beneficiaries by Sex and Age Groups, Ontario Compared to Canada, 1983

	Contributors		Contributions		Beneficiaries		Average Total Regular Payment	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		$ millions		'000's		$	
Male								
Under 20 Years	280.2	39.6	24.6	36.1	40.0	27.5	2,934	88.1
20 – 24	377.7	35.7	88.8	36.0	141.7	29.8	3,455	91.2
25 – 34	656.1	35.4	229.7	37.1	182.0	28.6	3,514	89.9
35 – 44	488.7	38.0	188.8	39.3	105.9	31.0	3,341	87.6
45 – 54	362.2	40.1	140.0	41.5	79.5	33.3	3,260	87.3
55 – 65	247.6	41.4	87.2	43.2	77.4	35.3	3,330	91.7
Total	2,412.6	37.7	759.2	38.9	626.5	30.5	3,388	89.5
Female								
Under 20 Years	259.6	41.2	18.6	37.1	25.4	28.5	1,996	82.4
20 – 24	340.7	37.0	71.0	36.7	94.8	30.0	2,592	88.8
25 – 34	531.2	37.7	145.3	38.8	150.7	32.6	3,051	92.1
35 – 44	378.2	40.1	105.9	40.9	78.2	33.8	2,738	88.4
45 – 54	251.2	42.0	69.2	42.8	52.8	36.0	2,699	87.4
55 – 65	139.8	43.9	35.9	44.7	37.2	38.8	2,523	86.9
Total	1,900.7	39.4	445.9	39.9	439.1	32.7	2,760	89.6
Total								
Under 20 Years	539.9	40.4	43.3	36.6	65.4	27.9	2,583	86.1
20 – 24	718.4	36.3	159.8	36.3	236.4	29.9	3,129	90.5
25 – 34	87.3	36.4	375.0	37.7	332.7	30.3	3,319	90.3
35 – 44	866.9	38.9	294.7	39.9	184.1	32.1	3,104	87.5
45 – 54	613.5	40.8	209.2	41.9	132.3	34.4	3,055	87.1
55 – 65	387.4	42.3	123.1	43.6	114.6	36.4	3,081	90.0
Total	4,313.3	38.4	1,205.1	39.2	1,065.6	31.4	3,146	89.3

Source: Statistics Canada, *Benefit Periods Established and Terminated Under the Unemployment Insurance Act*, (73-201).

Note: See notes, Table 30.28

Table 30.30 Unemployment Insurance Claims Received, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1984	1,072.8	418.5	1,007.9	992.5	3,492.5	30.7
1983	1,083.2	412.8	963.1	974.1	3,434.2	31.5
1982	1,333.2	416.4	1,118.9	1,049.8	3,919.2	34.0
1981	946.8	373.6	947.5	678.7	2,947.4	32.1
1980	944.7	350.5	860.0	606.1	2,762.2	34.2
1979	868.1	337.8	820.8	572.5	2,600.1	33.4
1978	907.5	366.9	888.3	644.1	2,808.5	32.3
1977	919.9	350.5	884.9	647.8	2,806.0	32.8
1976	906.7	333.7	844.9	589.6	2,678.2	33.9
1975	1,037.3	328.5	851.4	638.3	2,857.2	36.3
1974	844.1	290.8	729.7	544.9	2,410.4	35.0
1973	761.8	266.6	651.7	556.7	2,237.5	34.0
1972	838.7	272.1	718.5	639.9	2,469.9	34.0
1971	799.8	276.1	693.6	601.0	2,371.0	33.7
1966	473.9	226.1	492.7	354.9	1,547.7	30.6
1961	828.2	313.3	733.5	585.6	2,460.5	33.7
1956	529.5	214.8	529.5	351.6	1,625.4	32.6
1951	363.4	127.1	359.6	294.0	1,144.1	31.8

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes: 1. Data include initial and renewal claims.
2. From 1971 on, Canada figures include claimants outside Canada.

Table 30.31 Unemployment Insurance Claims Allowed, Ontario and Other Regions of Canada, 1972 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1984	971.4	395.5	942.8	917.3	3,227.6	30.1
1983	972.0	398.1	892.9	879.3	3,142.9	30.9
1982	1,196.7	399.6	1,032.2	924.4	3,553.6	33.7
1981	785.3	337.8	832.8	551.7	2,508.2	31.3
1980	817.0	308.9	762.1	502.6	2,391.3	34.2
1979	764.3	305.6	749.8	486.7	2,307.4	33.1
1978	824.4	347.4	835.4	588.9	2,597.4	31.7
1977	839.0	329.2	828.1	588.0	2,586.6	32.4
1976	831.5	319.2	776.8	540.9	2,471.0	33.6
1975	949.0	308.2	788.5	584.8	2,631.6	36.1
1974	760.7	271.2	659.7	485.8	2,178.0	34.9
1973	688.0	253.3	589.4	513.2	2,044.5	33.7
1972	764.8	251.3	657.0	586.8	2,260.6	33.8

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Note: 1. When a person applies for benefit, the claim is adjudicated and is either allowed or disallowed. A claim could be allowed with or without disqualification or disentitlement.
2. See Table 30.30, note 2.

Table 30.32 Unemployment Insurance, Disqualifications and Disentitlements, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1984	449.8	129.6	374.0	421.5	1,375.4	32.7
1983	440.4	134.9	395.2	381.7	1,352.7	32.6
1982	483.6	138.4	413.9	384.7	1,421.0	34.0
1981	410.1	140.2	395.8	319.7	1,266.2	32.4
1980	467.2	137.2	410.8	325.4	1,341.0	34.8
1979	431.7	144.4	435.9	335.0	1,347.6	32.0
1978	459.2	153.6	441.1	348.7	1,403.2	32.7
1977	517.0	159.4	475.4	385.1	1,537.9	33.6
1976	609.0	174.4	535.8	440.4	1,760.7	34.6
1975	551.5	151.1	421.9	445.6	1,570.7	35.1
1974	514.0	137.4	397.1	391.0	1,439.9	35.7
1973	411.7	120.6	322.2	358.7	1,213.5	33.9
1972	283.2	81.4	264.2	257.4	886.5	31.9
1971	177.6	50.4	160.1	138.4	526.6	33.7
1966	156.2	40.6	125.3	88.9	411.0	38.0
1961	128.5	36.4	121.2	79.5	365.5	35.1
1956	64.8	21.5	73.3	46.6	206.3	31.4
1951	52.0	14.0	56.7	39.3	162.0	32.1

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes:
1. A disqualification or disentitlement is imposed on a claimant because of circumstances surrounding the claim rendering the person ineligible for the receipt of benefit for a stated period (disqualification) or so long as the condition causing the non-receipt of benefit continues (disentitlement). The minimum duration of a disentitlement is one day.
2. A claimant could be disqualified from receiving benefits if employment were lost due to misconduct or voluntarily leaving employment without just cause.
3. Prior to 1972, data reflect the number of persons disqualified. Since 1972, data show number of disqualifications/disentitlements imposed. Although several disqualifications/disentitlements are possible against any person at the same time, a maximum of two only are counted.
4. See Table 30.30, note 2.

Table 30.33 Unemployment Insurance, Disqualifications and Disentitlements by Reason, Ontario and Other Regions of Canada, 1984

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Not Unemployed or No Interruption of Earnings	120.8	44.4	142.2	131.1	438.5	27.5
Not Capable or Not Available	91.0	25.9	65.5	92.6	275.3	33.1
Labour Dispute	3.8	2.2	4.3	5.0	15.3	24.8
Refusal of Suitable Work	1.9	0.9	1.8	1.5	6.1	31.1
Misconduct	12.0	2.1	5.8	10.3	30.1	39.9
Voluntary Quit	93.7	22.6	56.0	82.0	254.4	36.8
Incomplete Documentation	60.7	6.3	36.3	37.2	140.6	43.2
Failure to Search for Work	1.1	–	0.3	–	1.5	73.3
Other	64.6	25.3	61.8	61.8	213.6	30.2
Total	449.8	129.6	374.0	421.5	1,375.4	32.7

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Note: See notes, Table 30.32 for definitions of disqualifications and disentitlements.

Table 30.34 Unemployment Insurance, Total Weeks Paid, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1984	15,717	9,780	19,251	17,103	61,862	25.4
1983	18,897	9,527	20,505	17,643	66,585	28.4
1982	16,932	8,895	20,886	13,717	60,441	28.0
1981	9,627	7,045	14,062	6,270	37,011	26.0
1980	10,096	6,778	13,424	6,028	36,333	27.8
1979	9,324	6,876	14,036	6,651	36,896	25.3
1978	10,553	7,374	15,538	7,872	41,355	25.5
1977	10,011	7,002	14,726	6,936	38,702	25.9
1976	9,958	6,261	13,576	6,368	36,190	27.5
1975	11,431	5,954	13,014	6,912	37,327	30.6
1974	8,001	4,846	9,971	5,636	28,461	28.1
1973	8,764	4,500	9,348	6,917	29,537	29.7
1972	9,672	4,137	9,236	7,411	30,461	31.8
1971	7,555	2,890	6,674	5,510	22,634	33.4
1966	3,365	2,224	3,813	2,639	12,041	27.9
1961	6,554	3,073	6,330	4,778	20,735	31.6
1956	3,202	1,661	3,844	2,469	11,177	28.6
1951	1,316	608	1,762	1,479	5,165	25.5

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Note: 1. The number of weeks paid is the number of weeks of all benefits paid, including full and partial weeks. The number of weeks for retroactive payments is not included.

2. See Table 30.30, note 2.

Table 30.35 Unemployment Insurance, Average Weekly Payment, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada
			dollars		
1984	161	154	157	172	162
1983	155	146	151	165	155
1982	145	134	141	157	145
1981	131	122	129	143	130
1980	122	113	120	130	121
1979	110	101	108	116	109
1978	110	103	109	116	110
1977	101	95	101	108	101
1976	93	87	92	100	93
1975	86	77	83	91	85
1974	76	67	74	80	75
1973	70	60	68	73	68
1972	63	53	62	63	62
1971	40	36	39	39	39
1966	24	24	25	24	25
1961	24	23	24	24	24
1956	19	18	19	19	19
1951	15	15	14	15	15

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Note: 1. Average weekly payment is the gross amount of all benefits paid divided by the number of weeks of benefit paid during the month. Since February 1982, this average excludes work sharing and job creation benefits in order to maintain comparability with previous data.

2. See Table 30.30, note 2.

Table 30.36 Unemployment Insurance, Amount of Benefit Paid, Ontario and Other Regions of Canada, Selected Years, 1951 to 1984

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1984	2,517.0	1,509.1	3,021.7	2,935.8	9,985.6	25.2
1983	2,859.4	1,387.4	3,048.2	2,871.7	10,169.1	28.1
1982	2,380.6	1,193.8	2,899.4	2,100.0	8,575.4	27.8
1981	1,258.0	867.5	1,816.6	885.0	4,828.3	26.1
1980	1,236.6	773.0	1,608.5	774.3	4,393.3	28.1
1979	1,024.3	697.0	1,520.2	765.5	4,008.0	25.6
1978	1,160.8	762.2	1,699.9	912.0	4,536.9	25.6
1977	1,004.0	667.5	1,472.7	737.8	3,885.0	25.8
1976	920.9	549.6	1,246.1	623.0	3,342.2	27.6
1975	974.6	466.1	1,073.5	628.5	3,144.0	31.0
1974	606.0	330.2	735.6	446.8	2,119.2	28.6
1973	604.7	275.6	630.7	492.7	2,004.2	30.2
1972	603.2	225.2	567.2	475.8	1,871.8	32.2
1971	301.1	105.9	263.4	220.1	890.6	33.8
1966	82.3	53.1	94.5	65.4	295.3	27.9
1961	156.6	70.0	150.0	117.4	494.0	31.7
1956	60.2	30.9	73.1	46.1	210.3	28.6
1951	19.4	8.9	25.2	22.5	76.0	25.5

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act, (73-001).*

Note: 1. From 1978 to 1984, figures are gross amounts representing total unemployment insurance disbursements, including deductions for income tax, made to claimants during the month. They also include amounts for retroactive payments. Prior to 1977, figures are net amounts, in that cancelled warrants and collection of overpayments are excluded.

2. See Table 30.30, note 2.

Table 30.37 Unemployment Insurance, Benefit Payments by Type, Ontario and Other Regions of Canada, 1984

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Weeks Paid						
Regular	13,616.5	8,579.0	17.701.8	15,223.3	55,129.6	24.7
Sickness	448.1	113.8	334.3	296.5	1,192.7	37.6
Maternity	870.0	154.9	552.4	639.0	2,217.7	39.2
Adoption	6.9	1.8	1.0	5.7	15.3	45.1
Retirement	42.3	6.2	17.8	27.0	93.4	45.3
Fishing	12.8	596.5	62.5	126.3	798.0	1.6
Training	454.2	191.3	372.9	405.4	1,423.9	31.9
Work Sharing	185.8	51.6	133.5	224.1	595.0	31.2
Job Creation	80.5	84.7	75.1	156.3	396.5	20.3
Total	15,716.9	9,779.8	19,251.4	17,103.4	61,862.1	25.4
			dollars			
Average Weekly Benefit						
Regular	159	150	156	171	160	. . .
Sickness	176	162	166	176	172	. . .
Maternity	179	168	177	182	179	. . .
Adoption	206	167	184	200	200	. . .
Retirement	205	194	208	205	205	. . .
Fishing	207	202	213	214	205	. . .
Training	159	147	153	171	159	. . .
Work Sharing	52	56	52	58	54	. . .
Job Creation	287	269	298	300	290	. . .
Total	161	154	157	172	162	. . .
			$ millions			
Benefit Payment						
Regular	2,165.0	1,288.8	2,765.1	2,604.4	8,825.1	24.5
Sickness	78.7	18.4	55.4	52.1	204.6	38.5
Maternity	155.5	26.1	97.7	116.5	395.9	39.3
Adoption	1.4	0.3	0.1	1.1	3.1	45.2
Retirement	8.7	1.2	3.7	5.5	19.2	45.3
Fishing	2.6	120.4	13.3	27.0	163.4	1.6
Training	72.4	28.2	57.0	69.2	226.8	31.9
Work Sharing	9.6	2.9	6.9	13.0	32.4	29.6
Job Creation	23.1	22.8	22.4	46.9	115.2	20.1
Total	2,517.0	1,509.1	3,021.7	2,935.8	9,985.6	25.2

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes:
1. See notes on Tables 30.34 and 30.35 for definitions of week paid and average weekly payment.
2. Training benefits are available to claimants who take courses which are approved by the Unemployment Insurance Commission.
3. The Work Sharing program provides for a reduction in the working hours of the entire group in a company, with the financial loss to the individuals involved being partially offset by Work Sharing benefits from unemployment insurance.
4. A claimant participating in a job creation program receives either regular unemployment insurance benefits or payment according to specified project rates, whichever is greater. Project rates are based on regional rates of pay prevailing for the occupation, to a maximum of $360.00 weekly.
5. Unemployment insurance benefit data for recipients outside Canada are included in Canada totals only.

Chapter 31
Education

Education

The education system in Ontario involves all three levels of government as well as some private sector activity. Responsibility for education under The Constitution Act is provincial. The Provincial Government discharges its responsibility for elementary and secondary school education through local school boards in accordance with the Education Act. These boards are composed of elected trustees and are funded through a combination of Provincial grants and municipal taxes. These taxes go to public school boards unless the ratepayer specifically elects to direct taxes to separate school boards operating Roman Catholic schools. For the school year 1984/85, the Roman Catholic separate schools received Provincial grants and subsidies up to Grade 10. However, the Province extended public funding to Grade 11 in September 1985, to Grade 12 in September 1986 and will extend public funding to Grade 13 in September 1987.

Private schools, church-affiliated or non-sectarian, are operated and administered by private individuals or groups. They comprise less than 4% of the total expenditures on education at the elementary-secondary level. Post-secondary education is provided through universities and community colleges which are co-ordinated and financially supported by the Ontario Government through the Ministry of Colleges and Universities. The federal government provides some financial support for post-secondary education under the Federal-Provincial Fiscal Arrangements and Federal Post-Secondary Education and Health Contributions Act, 1977.

This chapter provides a statistical overview of the elementary, secondary and post-secondary levels of education in Ontario. It presents data on enrolment, teachers, graduates, school board financing and the level of education of Ontario's population. Interprovincial comparisons of education statistics are limited because education systems vary significantly from province to province, making meaningful comparisons difficult.

As of September 1984, there were 186 school boards in Ontario, including 58 Roman Catholic and two Protestant separate school boards, of which 175 operated over 5,000 publicly supported elementary and secondary schools. Most boards of education operate composite secondary schools that offer academic, commercial and technical courses as well as a wide variety of summer school programs and evening courses of study. They also provide education programs in care and treatment facilities and operate schools or programs for trainable retarded students. Boards may operate schools for vocational training. School boards are obligated to provide education in the French language. French Immersion is offered by about 40% of all school boards, while over 80% of school boards now begin core French by Grade 4.

The Province, through the Provincial Schools and the Independent Learning Centre, formerly called Correspondence Education Branches, provides direction and supervision for the education of Ontario residents not provided for by local school boards. In this respect, the Ministry of Education:

- directly operates three schools for the deaf, one for the blind, one for the blind and deaf, and two demonstration schools for the learning disabled;
- funds a demonstration school operated by the University of Ottawa;
- provides correspondence courses at the elementary and secondary school level;
- provides educational programs for training schools and developmental centre schools operated by the Ministry of Community and Social Services, and for the five regional schools for nursing assistants funded by the Ministry of Colleges and Universities.

The federal government offers direct educational services to Indian bands in Ontario at the elementary-secondary level, and pays tuition to other school boards providing Native education. The federal and Provincial Governments co-sponsor a program to train Native people to provide counselling services to Native students in elementary and secondary schools.

There are 22 Colleges of Applied Arts and Technology (CAAT) spread out over 90 campuses which serve all major economic regions of Ontario. These, and related institutions such as the Niagara Parks Commission School of Horticulture, the Agricultural Colleges and the Institute of Medical Technology, form a college system which offers a variety of full and part-time career-oriented programs for secondary school graduates and mature students who have not completed secondary school. Generally, colleges offer diploma programs which last two or three years, or certificate programs which last less than one year.

During the 1984/85 school year, the CAAT's had an enrolment of more than 95,000 full-time, post-secondary students in certificate and diploma programs, in addition to those attending as part of their apprenticeship and skills training. There were approximately 615,000 part-time course registrations. Statistics shown on colleges relate to certificate and diploma programs, as well as programs relating to vocational and industrial training.

Ontario has fifteen provincially supported universities which offer a multitude of programs leading to degrees at both the graduate and undergraduate levels. In addition, Ryerson Polytechnical Institute offers diplomas and bachelors' degrees in many science and technology fields, the Ontario College of Art offers diplomas in Fine Arts and the Royal Military College provides a university level education to Canadian Forces personnel. Generally, admission to a university in Ontario is contingent upon a secondary school honours graduation diploma, although mature students can be accepted under specified conditions. Undergraduate degree (bachelor's) programs last from three to five years, depending upon the entrant's qualifications and the nature of the degree sought (pass or honours). A bachelor's degree at the honours level, or equivalent, is necessary for acceptance into a master's program, which takes one to two years to complete. Doctoral studies usually specify that an entrant have a master's degree in the same field.

Since June 1985, the Ministry of Colleges and Universities has operated under the jurisdiction of a Minister who also has responsibility for the Ministry of Skills Development. With the creation of the Ministry of Skills Development, announced on March 22, 1985, the Government's extensive training programs, youth employment and experience programs, were consolidated. The objectives of the new Ministry are: to develop and upgrade skills which will enhance the employability of individuals; to contribute to Ontario's economic growth by helping employers achieve their skills development goals; to improve access to training and employment opportunities for employed and unemployed individuals, persons with special needs and targetted groups that encounter particular employment barriers and to co-ordinate institutional and on-the-job training programs in order to increase training effectiveness and employment mobility.

Sources of Data

The main source for statistics presented in the tables relating to the elementary-secondary school system is *Education Statistics*, published annually by the Ontario Ministry of Education. The basic information produced in this publication comes from the September school reports, completed by all school principals in Ontario. Another major source is the Education, Culture and Tourism Division of Statistics Canada. This Division conducts regular surveys and compiles the material into a number of regular publications which provide both specific and general statistical information on the educational system in Canada.

Statistics presented in this chapter on colleges and universities are obtained from the Ontario Ministry of Colleges and Universities and Statistics Canada. Additional information on post-secondary education in Ontario can be obtained from *Statistical Summary*, published annually by the Ministry of Colleges and Universities. This report is compiled by the Research and Information Branch of the Ministry of Education from a variety of federal and Provincial sources.

Both the Ministries of Education and of Colleges and Universities publish a large number of informative reports on a wide variety of subjects relating to the educational system in Ontario. A listing of these publications can be found in *Ontario Government Publications Annual Catalogue*. Another annual publication, *Directory of Education*, produced jointly by these two Ministries, provides an index of addresses and phone numbers for school boards, schools, universities, community colleges and other facilities. Further information on Ontario's education system can be obtained from the Research and Information Branch of the Ministry of Education, telephone Toronto, 965-2636.

For information on apprenticeship programs, contact the Employment Training Branch of the Ministry of Skills Development, telephone Toronto, 963-3114.

Education

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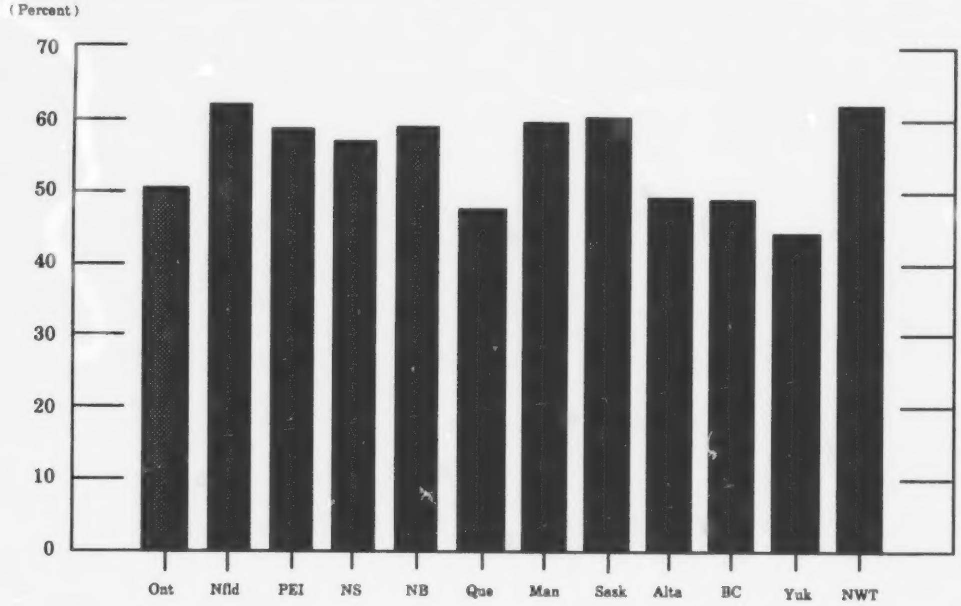
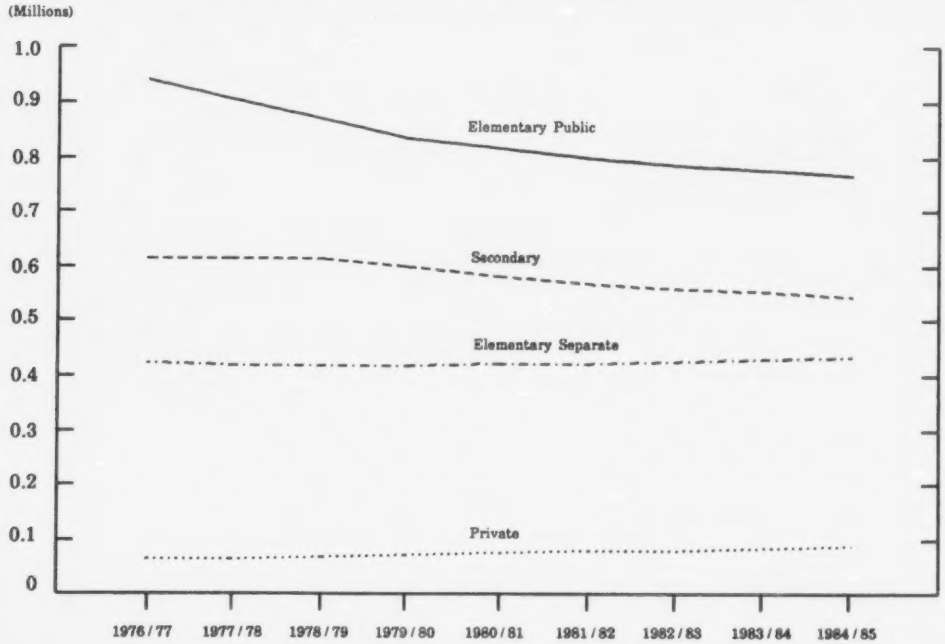
Chart 31.1 Education Indicator, Percent of Population 15 Years and Over Without Degrees, Certificates or Diplomas, Ontario, Other Provinces and Territories, Census Year, 1981



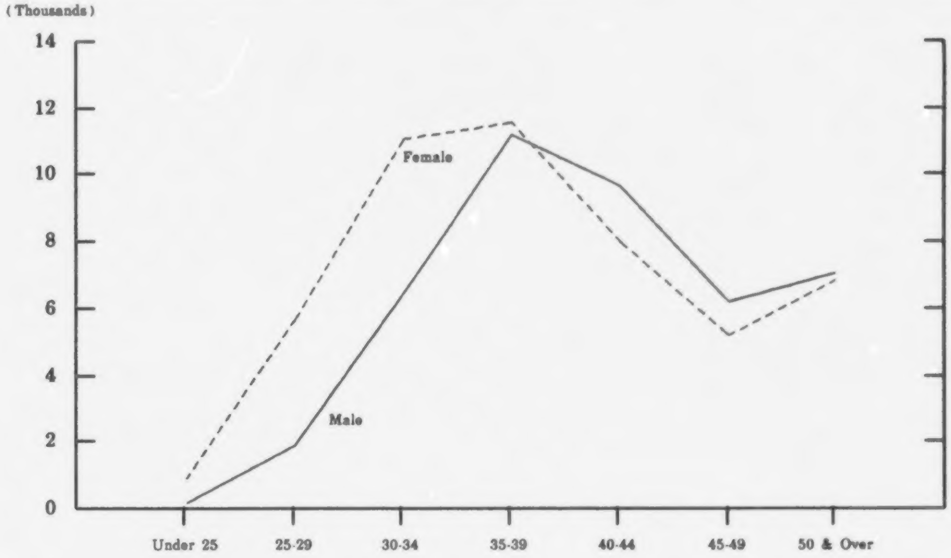
Refer to Table 31.2

Chart 31.2 Enrolment in Elementary and Secondary Schools, Ontario, 1976/77 to 1984/85



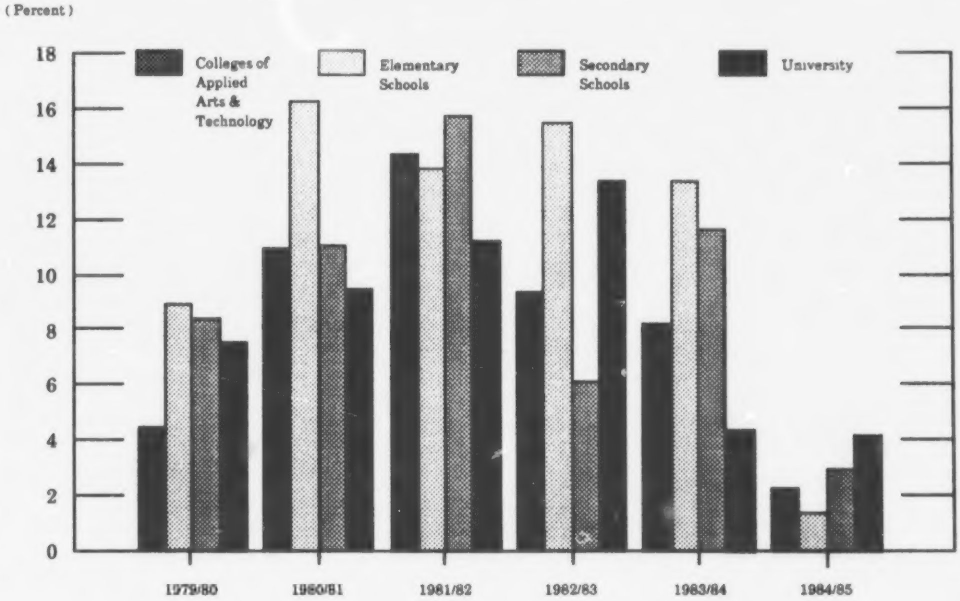
Refer to Table 31.6

Chart 31.3 Full-Time Teachers in Elementary and Secondary Schools by Age Group and Sex, Ontario, 1983/84



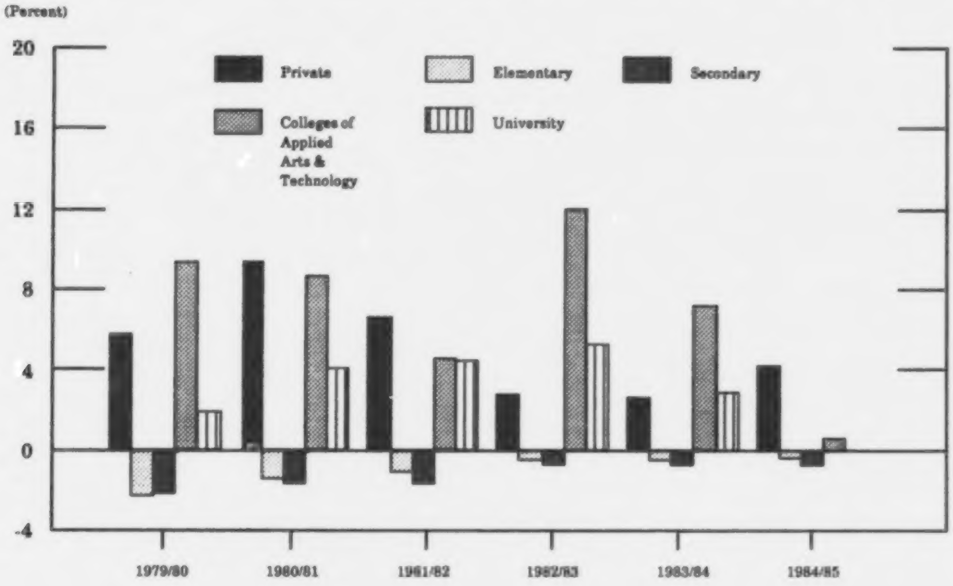
Refer to Table 31.16

Chart 31.4 Average/Median Salaries of Elementary/Secondary School and College/University Teachers, Percent Change, Ontario, 1979/80 to 1984/85



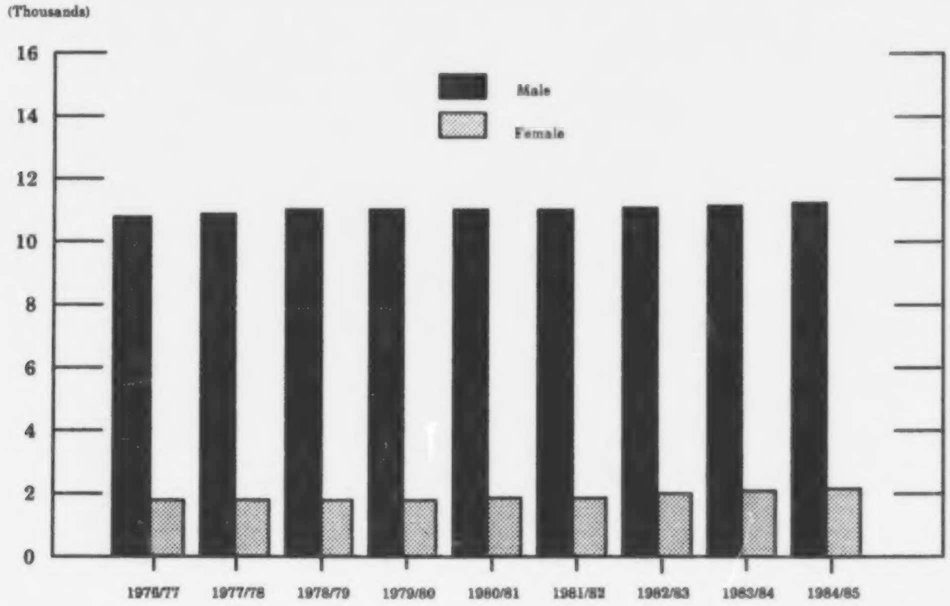
Refer to Tables 31.17, 31.25 and 31.34

Chart 31.5 Changes in School Enrolment, Ontario, 1979/80 to 1984/85



Refer to Tables 31.7, 31.10, 31.18 and 31.28

Chart 31.6 Full-Time University Teachers by Sex, Ontario, 1976/77 to 1984/85



Refer to Table 31.33

Table 31.1 Enrolment and Expenditure on Education, Ontario, 1985/86p

	Institutions	Full-time Teachers	Full-time Enrolment	Total Expen-ditures on Education
	number		'000's	$ millions
Elementary/Secondary Level				
Public	4,820	92,000	1,765.8	7,521.4
Federal	80	380	7.6	. .
Private	510	3,120	76.4	249.4
Blind & Deaf	4	240	0.9	. .
Total	5,414	95,740	1,850.7	7,770.8
Post-Secondary Level				
Community Colleges & Related Institutions	31	5,950	96.2	700.5
Universities	21	13,470	185.9	2,348.3
Total	52	19,420	282.1	3,048.8
Trade & Other Non-post-secondary Courses	. . .	. . .	. . .	592.9
Total	5,466	115,160	2,132.8	11,412.5

Source: Statistics Canada, Education, Culture and Tourism Division.

Notes: 1. Expenditures for Federal schools and schools for the Blind and Deaf are included in Public.
2. Some affiliates of post-secondary level institutions are counted as separate entities.
3. Related institutions of community colleges are colleges of agricultural technology, Ontario College of Art, Niagara Parks Commission School of Horticulture and Institute of Medical Technology.
4. Trade and Other Non-post-secondary Courses refers to courses in community colleges which do not require the completion of a secondary school diploma, e.g. industrial training, apprenticeship, registered nursing assistant programs, etc.

Table 31.2 Education Indicators for Population 15 Years and Over, Ontario, Other Provinces and Territories, Census Year, 1981

	Median Years of Schooling	% Without Degrees, Certificates or Diplomas
Ontario	12.1	50.5
Newfoundland	10.5	62.1
Prince Edward Island	10.9	58.9
Nova Scotia	11.2	57.5
New Brunswick	11.0	59.4
Quebec	11.4	48.2
Manitoba	11.4	59.7
Saskatchewan	11.4	60.6
Alberta	12.3	49.2
British Columbia	12.3	48.9
Yukon	12.3	44.7
Northwest Territories	10.4	62.3
Canada	11.8	51.1

Source: Statistics Canada, *1981 Census of Canada, Schooling in Canada,* (99-938).

Table 31.3 Highest Level of Education by Sex for Population 15 Years and Over, Ontario, Census Year, 1981

	Not Attending School			Attending School Full-time		
	Male	Female	Total	Male	Female	Total
				number		
Elementary/Secondary						
Less Than Grade 5	107,240	132,335	239,575	155	135	295
Grades 5 – 8	424,200	472,110	896,315	10,215	7,070	17,285
Grades 9 – 13	696,245	827,960	1,524,195	218,625	198,505	417,140
Graduation Certificate	288,985	433,775	722,765	47,385	49,720	97,105
Trade Certificate or Diploma	166,320	43,285	209,605	2,255	1,445	3,695
Total	1,682,985	1,909,470	3,592,455	278,645	256,880	535,525
Other Non-university Education Only						
Without Trades Certificate or Diploma	116,830	163,580	280,410	31,890	28,515	60,405
With Trades Certificate or Diploma	202,190	136,230	338,415	8,870	6,515	15,380
With Other Certificate or Diploma	158,595	266,150	424,745	13,935	19,685	33,625
Total	477,610	565,960	1,043,570	54,695	54,720	109,410
University Only						
No Degree	66,455	43,360	109,815	44,930	38,055	82,985
With Certificate or Diploma	25,810	19,785	45,600	2,085	1,465	3,545
Bachelor's Degree or Higher	207,475	109,090	316,565	24,660	19,300	43,960
Total	299,740	172,235	471,980	71,675	58,820	130,495
University & Other Non-university Education						
No Certificate, Diploma or Degree	18,870	15,710	34,580	6,865	6,105	12,965
With Certificate or Diploma	67,605	71,870	139,480	6,320	6,735	13,050
Bachelor's Degree or Higher	73,955	58,495	132,450	6,995	6,135	13,135
Total	160,430	146,080	306,510	20,175	18,975	39,155
Total	2,620,765	2,793,755	5,414,515	425,195	389,385	814,580

Table 31.3 (cont'd.)

	Attending School Part-time			Total		
	Male	Female	Total	Male	Female	Total
				number		
Elementary/Secondary						
Less Than Grade 5	315	495	805	107,710	132,965	240,675
Grades 5 – 8	2,735	3,325	6,060	437,155	482,505	919,655
Grades 9 – 13	18,880	23,605	42,485	933,745	1,050,065	1,983,820
Graduation Certificate	16,480	26,290	42,770	352,850	509,790	862,645
Trade Certificate or Diploma	8,360	3,070	11,430	176,935	47,805	224,740
Total	46,775	56,775	103,550	2,008,405	2,223,125	4,231,530
Other Non-university Education Only						
Without Trades Certificate or Diploma	20,405	22,540	42,950	169,125	214,635	383,760
With Trades Certificate or Diploma	20,050	12,510	32,560	231,100	155,255	386,355
With Other Certificate or Diploma	27,530	38,555	66,090	200,060	324,395	524,460
Total	67,990	73,605	141,590	600,290	694,280	1,294,575
University Only						
No Degree	9,760	10,905	20,665	121,145	92,320	213,470
With Certificate or Diploma	2,815	3,345	6,160	30,710	24,595	55,300
Bachelor's Degree or Higher	27,675	23,215	50,895	259,815	151,605	411,420
Total	40,255	37,460	77,715	411,670	268,515	680,185
University & Other Non-university Education						
No Certificate, Diploma or Degree	5,515	6,905	12,420	31,245	28,725	59,975
With Certificate or Diploma	18,180	26,310	44,485	92,115	104,910	197,020
Bachelor's Degree or Higher	19,625	21,230	40,855	100,575	85,860	186,435
Total	43,320	54,450	97,765	223,930	219,500	443,425
Total	198,335	222,290	420,620	3,244,300	3,405,425	6,649,720

Source: Statistics Canada, *1981 Census of Canada, School Attendance and Level of Schooling, (92-914).*

Notes: 1. Based on 20% sample data.

2. Elementary/Secondary Less Than Grade 5 includes no schooling or kindergarten only.
3. Other Non-university Education Only refers to courses completed at post-secondary, non-university institutions which normally require a secondary school graduation certificate or equivalent for entrance.
4. University and Other Non-university Education refers to those with both levels of education.
5. University and non-university certificates include trades certificates, non-university certificates and university certificates or diplomas below bachelor level.

Table 31.4 School Board Finance, Ontario, Selected Years, 1971 to 1984

	Elementary								
	Public			Separate			Total		
Year	Expenditure	Provincial Grant	Property Taxes	Expenditure	Provincial Grant	Property Taxes	Expenditure	Provincial Grant	Property Taxes
					$ millions				
1984	2,551.2	979.2	. .	1,330.2	1,056.7	. .	3,881.4	2,035.9	. .
1983	2,387.3	953.9	1,435.4	1,218.4	985.4	253.9	3,605.7	1,939.3	1,689.3
1982^{r}	2,166.8	895.3	1,283.4	1,103.6	889.8	217.9	3,270.4	1,785.0	1,501.2
1981	1,893.3	816.5	1,102.7	957.8	773.0	186.3	2,851.2	1,589.5	1,288.9
1980	1,700.2	734.3	981.4	839.5	680.2	164.4	2,539.7	1,414.5	1,145.9
1979	1,553.3	687.6	875.5	748.0	612.3	144.1	2,301.3	1,300.0	1,019.6
1978	1,474.9	677.1	800.2	690.5	561.2	127.9	2,165.4	1,238.3	928.1
1977	1,392.1	669.0	723.7	617.5	514.9	107.8	2,009.6	1,183.9	831.5
1976	1,283.1	617.9	654.7	561.1	464.5	96 5	1,844.2	1,082.4	751.2
1971	759.2	366.1	397.4	285.5	235.4	54.1	1,044.7	601.4	451.5

Table 31.4 (cont'd.)

	Secondary			Total		
Year	Expenditure	Provincial Grant	Property Taxes	Expenditure	Provincial Grant	Property Taxes
			$ millions			
1984	2,455.8	981.4	. .	6,337.2	3,017.3	. .
1983	2,306.9	980.6	1,338.1	5,912.6	2,919.9	3,027.4
1982^{r}	2,158.4	956.6	1,218.1	5,428.8	2,741.7	2,719.3
1981^{r}	1,941.6	896.6	1,063.7	4,792.8	2,486.1	2,352.6
1980	1,745.6	816.1	943.3	4,285.3	2,230.7	2,069.2
1979	1,617.7	755.9	860.7	3,919.0	2,055.9	1,800.4
1978	1,496.0	713.5	786.6	3,661.4	1,951.8	1,714.7
1977	1,397.4	686.6	711.5	3,407.1	1,870.6	1,543.0
1976	1,260.9	637.8	620.3	3,105.1	1,720.2	1,371.6
1971	739.5	411.1	333.9	1,784.2	1,012.5	785.4

Source: Ministry of Education, *Education Statistics Ontario.*

Notes: 1. Expenditure is net of own sources of sundry revenue such as tuition fees, sales of property, insurance proceeds, rental revenue, etc., and does not include expenditure related to provincial direct capital grants.

2. Provincial Grant refers to General Legislative Grant but excludes direct capital grants.

3. Property Taxes refers to breakeven requisitions which represent the amount required to balance the school boards budget and exclude over-levies and under-levies. They do not necessarily equal actual amount levied for school purposes by municipalities.

4. Figures for federal schools and schools for the blind and deaf are excluded.

5. Data for 1984 are estimated.

Table 31.5 Current Revenue and Expenditure of School Boards, Ontario, 1983

	Elementary				
	Public	Separate	Total	Secondary	Total
	$ millions				
Revenue					
Property Taxes	1,435.4	253.9	1,689.3	1,338.1	3,027.4
Provincial Grants	977.4	1,036.4	2,013.8	990.7	3,004.6
Other	91.9	45.3	137.2	157.4	294.5
Total	2,504.7	1,335.6	3,840.3	2,486.2	6,326.5
Expenditure					
Business Administration	35.7	22.0	57.6	38.8	96.4
Computer Services	7.7	2.5	10.2	14.5	24.7
Instruction, Day Schools-Salaries & Fringe Benefits	1,670.0	845.7	2,515.7	1,628.3	4,143.9
Instruction, Day School-Supplies & Other Expenses	108.1	58.6	166.6	139.1	305.7
General Administration	16.5	13.2	29.7	18.6	48.3
Plant Operation & Plant Maintenance	311.0	141.6	452.6	295.8	748.4
Transportation	122.6	82.8	205.4	90.7	296.1
Capital Expenditure From Revenue (Non-allocable)	77.2	76.5	153.7	53.8	207.5
Debt Charges	83.0	52.7	135.7	68.7	204.[illegible]
Other Operating Expenditure	12.9	7.1	20.0	14.3	34.3
Total Day School	2,444.5	1,302.7	3,747.2	2,362.7	6,109.9
Expenditure For Continuing Education	0.1	1.7	1.8	28.5	30.3
Other	60.1	31.2	91.3	95.0	186.3
Total	2,504.7	1,335.6	3,840.3	2,486.2	6,326.5

Source: Ministry of Education, *Education Statistics Ontario*.

Notes: 1. For definition of Property Taxes, see Table 31.4, note 3.
2. Other Revenue includes federal and provincial payments in lieu of property taxes, tuition fees, rental revenue, sale of property, etc.
3. Expenditure includes spending on direct capital projects.
4. Debt Charges includes interest on short term borrowings for capital purposes and principal repayment.
5. Other Expenditure includes transfers to other boards, non-operating expenditure, tax write-offs and revisions, and provisions for reserves and other funds.
6. These statistics reflect the changes to the Uniform Code of Accounts system that came into effect in January 1982.

Table 31.6 Enrolment in Elementary and Secondary Schools, Ontario, Selected Years, 1961/62 to 1984/85

	Publicly Supported					Private		
	School Boards							
	Elementary							
Year	Public	Separate	Secondary	Federal	Blind & Deaf	Elementary	Secondary	Total
	number							
1984/85	767,254	437,553	545,919	7,545	896	37,290	49,836	1,846,293
1983/84	776,058	433,509	554,930	7,562	975	35,998	47,645	1,856,677
1982/83	787,466	429,946	562,013	7,624	956	35,320	46,133	1,869,458
1981/82	799,174	425,706	568,635	7,407	1,051	33,242	45,975	1,881,190
1980/81	816,836	423,438	586,261	7,189	1,161	31,177	43,115	1,909,177
1979/80	837,941	420,820	600,084	7,279	1,198	28,973	38,926	1,935,221
1978/79	870,154	420,183	611,668	7,468	1,217	27,539	36,609	1,974,838
1977/78	907,777	421,619	613,830	7,429	1,236	26,445	34,805	2,013,141
1976/77	937,292	422,793	613,055	7,162	1,309	25,652	33,027	2,040,290
1971/72	1,034,703	422,137	574,520	6,641	1,485	20,788	23,161	2,083,435
1966/67	976,900	387,971	436,026	..	1,056	..	..	..
1961/62	861,715	301,338	299,177	..	..	..	..	..

Sources: Statistics Canada, Education, Culture and Tourism Division.
Indian and Northern Affairs Canada, Indian and Inuit Affairs Program, Education Directorate, Nominal Roll.
Ministry of Education, *Education Statistics Ontario*.

Table 31.7 Enrolment in Publicly Supported Elementary and Secondary Schools by Grade Group, Ontario, Selected Years, 1961/62 to 1984/85

Year	Elementary Kinder-garten	Grades 1 – 3	Grades 4 – 6	Grades 7 – 10	Special Education	Total
	number					
1984/85	171,497	355,602	351,766	288,119	37,823	1,204,807
1983/84	165,921	358,265	353,816	293,405	38,160	1,209,567
1982/83	164,932	360,494	363,118	289,916	38,952	1,217,412
1981/82	162,948	365,462	374,301	284,084	38,075	1,224,880
1980/81	166,770	369,402	381,841	285,063	37,198	1,240,274
1979/80	165,579	380,164	382,252	294,750	36,016	1,258,761
1978/79	164,921	394,285	382,525	312,823	35,783	1,290,337
1977/78	166,398	403,194	392,228	332,417	35,159	1,329,396
1976/77	170,747	401,687	413,238	339,773	34,640	1,360,085
1971/72	149,148	474,626	473,823	328,438	30,805	1,456,840
1966/67	134,004	488,509	431,736	288,445	22,177	1,364,871
1961/62	99,033	434,492	368,340	248,134	13,054	1,163,053

Table 31.7 (cont'd.)

Year	Secondary Pre-grade 9	Grade 9	Grade 10	Grade 11	Grade 12	Grade 13	Total	Total
	number							
1984/85	1,688	126,792	121,681	119,193	117,148	59,417	545,919	1,750,726
1983/84	2,109	124,763	121,929	122,773	121,869	61,487	554,930	1,764,497
1982/83	2,266	124,609	124,122	126,211	124,059	60,746	562,013	1,779,425
1981/82	2,325	128,015	128,492	131,548	122,158	56,097	568,635	1,793,515
1980/81	2,925	135,499	138,480	135,983	119,726	53,648	586,261	1,826,535
1979/80	3,265	147,360	146,380	134,853	115,933	52,293	600,084	1,858,845
1978/79	4,466	155,385	147,651	134,936	116,070	53,160	611,668	1,902,005
1977/78	4,583	158,602	148,279	134,460	113,742	54,164	613,830	1,943,226
1976/77	–	162,319	148,633	135,241	111,349	55,513	613,055	1,973,140
1971/72	–	157,433	141,939	121,750	101,733	51,665	574,520	2,031,360
1966/67	–	117,582	100,710	83,963	70,625	35,007	436,026	1,800,897
1961/62	–	100,988	76,290	52,681	42,266	21,482	299,177	1,462,230

Source: Ministry of Education, *Education Statistics Ontario.*

Notes: 1. Pre-grade 9 students are those enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course work that does not lead to credit.

2. Enrolment excludes schools for the blind and deaf and other provincial schools in care and treatment facilities, retarded students in school boards and federal schools.

3. Elementary Grades 7 – 10 includes elementary grades 9 and 10 in Roman Catholic and Public School Boards.

Table 31.8 Enrolment in Federal Elementary and Secondary Schools, Ontario, Selected Years, 1960/61 to 1984/85

Year	Grade					
	Kinder-garten	1 – 5	6 – 8	9 – 12	Special	Total
				number		
1984/85	1,190	4,185	1,943	167	60	7,545
1983/84	1,202	4,087	2,039	152	82	7,562
1982/83	1,191	4,091	2,055	191	96	7,624
1981/82	1,187	4,054	1,953	113	100	7,407
1980/81	1,125	4,036	1,808	149	71	7,189
1979/80	1,087	4,103	1,868	162	59	7,279
1978/79	1,137	4,253	1,915	107	56	7,468
1977/78	1,152	4,141	1,908	96	132	7,429
1976/77	1,192	3,839	1,864	89	178	7,162
1971/72	878	4,124	1,556	27	56	6,641
1965/66	684	4,618	1,217	67	126	6,712
1960/61	565	4,589	1,381	90	433	7,058

Sources: Statistics Canada, Education, Culture and Tourism Division.
Indian and Northern Affairs Canada, Indian and Inuit Affairs Program, Education Directorate, Nominal Roll.

Table 31.9 Enrolment in Schools for the Blind and Deaf, Ontario, Selected Years, 1966/67 to 1984/85

Year	For the Blind			For the Deaf			Total
	Male	Female	Total	Male	Female	Total	
				number			
1984/85	137	97	234	367	295	662	896
1983/84	137	100	237	416	322	738	975
1982/83	131	101	232	397	327	724	956
1981/82	132	96	228	472	351	823	1,051
1980/81	138	94	232	535	394	929	1,161
1979/80	133	96	229	565	404	969	1,198
1978/79	130	90	220	571	426	997	1,217
1977/78	119	96	215	586	435	1,021	1,236
1976/77	120	94	214	619	476	1,095	1,309
1975/76	114	93	207	651	491	1,142	1,349
1974/75	115	100	215	655	507	1,162	1,377
1973/74	118	103	221	604	458	1,062	1,283
1972/73	113	93	206	671	539	1,210	1,416
1971/72	132	105	237	704	544	1,248	1,485
1970/71	140	93	233	668	526	1,194	1,427
1966/67	147	109	256	453	347	800	1,056

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: From 1981/82 on, enrolment in schools for the deaf excludes Metro Toronto schools for the deaf because they are integrated into the public school system.

Table 31.10 Enrolment in Private Elementary and Secondary Schools by Grade Group, Ontario, Selected Years, 1971/72 to 1984/85

Year	Elementary					
	Kinder-garten	Grades 1 – 3	Grades 4 – 6	Grades 7 & 8	Ungraded	Total
	number					
1984/85	7,134	11,435	10,513	7,425	783	37,290
1983/84	6,680	10,884	10,044	7,326	1,064	35,998
1982/83	6,356	10,486	9,755	7,322	1,401	35,320
1981/82	5,622	9,817	9,553	7,081	1,169	33,242
1980/81	5,234	9,118	9,329	6,572	924	31,177
1979/80	4,427	8,614	8,685	6,400	847	28,973
1978/79	4,096	8,260	8,179	6,342	662	27,539
1977/78	3,855	8,103	7,712	6,405	370	26,445
1976/77	3,835	7,619	7,739	6,363	96	25,652
1971/72	2,685	6,518	6,663	4,775	147	20,788

Table 31.10 (cont'd.)

Year	Secondary							Total
	Grade 9	Grade 10	Grade 11	Grade 12	Grade 13	Ungraded	Total	
	number							
1984/85	3,406	3,195	16,601	15,079	10,515	1,040	49,836	87,126
1983/84	3,285	2,928	15,609	14,343	10,729	751	47,645	83,643
1982/83	3,186	2,898	14,683	14,241	10,821	304	46,133	81,453
1981/82	3,197	2,896	14,756	14,087	10,572	467	45,975	79,217
1980/81	3,076	2,849	14,210	12,824	9,760	396	43,515	74,292
1979/80	3,025	2,876	13,043	11,784	7,919	279	38,926	67,899
1978/79	3,057	2,696	12,259	11,114	7,301	182	36,609	64,148
1977/78	2,931	2,688	11,777	10,648	6,569	192	34,805	61,250
1976/77	2,800	2,580	11,591	9,593	6,379	84	33,027	58,679
1971/72	2,026	1,826	7,015	6,853	4,972	469	23,161	43,949

Source: Ministry of Education, *Education Statistics Ontario.*

Table 31.11 Elementary and Secondary School Enrolment by Age and Sex, Ontario, 1984/85

	Elementary		
	Male	Female	Total
	number		
3 Years & Under	6,345	6,183	12,528
4	35,306	34,186	69,492
5	59,150	56,213	115,363
6	58,852	56,029	114,881
7	59,634	56,895	116,529
8	60,132	57,650	117,782
9	61,970	59,602	121,572
10	61,099	58,095	119,194
11	62,559	59,336	121,895
12	63,510	60,195	123,705
13	57,578	52,876	110,454
14	22,541	18,564	41,105
15	8,512	8,792	17,304
16	1,300	1,063	2,363
17 & Over	284	356	640
Total	618,772	586,035	1,204,807

Table 31.11 (cont'd.)

	Secondary		
	Male	Female	Total
		number	
11 Years & Under	12	13	25
12	188	194	382
13	9,958	11,692	21,650
14	46,199	46,983	93,182
15	57,109	53,579	110,688
16	57,776	53,259	111,035
17	54,462	48,792	103,254
18	37,215	28,578	65,793
19	12,397	6,414	18,811
20	3,488	2,102	5,590
21	1,324	966	2,290
22 & Over	3,272	9,947	13,219
Total	283,400	262,519	545,919

Source: Ministry of Education, *Education Statistics Ontario*.

Note: See Table 31.7, note 2.

Table 31.12 Enrolment in French-Language Instructional Units in Elementary Schools by Grade Group, Ontario, Selected Years, 1966/67 to 1984/85

Year	Kinder-garten	Primary	Junior	Grades 7 & 8	Grades 9 & 10	Special Education	Total
				number			
1984/85	13,138	20,710	19,670	12,514	1,263	1,338	68,633
1983/84	12,570	20,857	19,519	12,698	1,162	1,367	68,173
1982/83	12,261	20,711	19,505	12,560	1,144	1,505	67,686
1981/82	12,295	20,634	19,816	12,411	1,040	1,392	67,588
1980/81	12,245	20,639	20,114	12,511	958	1,392	67,859
1979/80	12,056	20,995	19,833	13,251	1,000	1,411	68,546
1978/79	11,691	21,318	19,997	15,071	816	1,480	70,373
1977/78	11,341	21,386	20,647	16,840	676	1,563	72,453
1976/77	11,433	20,973	22,418	17,282	579	1,904	74,589
1971/72	8,441	28,773	29,537	18,602	294	1,749	87,496
1966/67	9,189	32,268	28,558	16,265	5,747	1,199	93,226

Source: Ministry of Education, *Education Statistics Ontario*.

Table 31.13 Enrolment of French-Speaking Students in Courses Taught in French in Secondary Schools by Grade, Ontario, Selected Years, 1971/72 to 1984/85

Year	Pre-grade 9	Grade 9	Grade 10	Grade 11	Grade 12	Grade 13	Total
				number			
1984/85	55	5,363	5,361	5,286	5,124	1,873	23,062
1983/84	. . .	5,444	5,426	5,529	5,510	1,943	23,852
1982/83	41	5,590	5,766	5,969	6,662	1,992	26,020
1981/82	43	5,734	6,024	6,674	6,306	1,905	26,686
1980/81	63	6,091	7,084	6,866	6,103	1,844	28,051
1979/80	203	7,338	7,332	6,825	6,110	1,747	29,555
1978/79	213	7,869	7,767	6,943	5,921	1,807	30,520
1977/78	225	7,984	7,824	6,853	5,892	1,858	30,636
1976/77r	. . .	8,590	8,105	7,110	5,740	1,965	31,510
1971/72r	. . .	8,770	7,326	5,608	4,449	1,665	28,018

Source: Ministry of Education, *Education Statistics Ontario*.

Note: See Table 31.7, note 1.

Table 31.14 Enrolment in French as a Second Language, Ontario, Selected Years, 1970/71 to 1984/85

	Elementary		Secondary		Total	
Year	Enrolment	Participation Rate	Enrolment	Participation Rate	Enrolment	Participation Rate
	#		#		#	
1984/85	722,045	65.3	235,395	41.8	957,440	57.4
1983/84	719,734	64.6	189,556	33.3	909,290	54.1
1982/83	714,148	63.5	182,077	31.9	896,225	52.9
1981/82	694,761	61.3	191,916	33.4	886,677	51.9
1980/81[r]	674,936	58.7	201,511	34.1	876,447	50.4
1979/80[r]	671,100	57.6	215,771	35.8	886,871	50.1
1978/79	670,240	56.0	226,595	37.0	896,835	49.6
1977/78	662,900	53.7	220,369	36.0	883,269	47.8
1976/77	633,643	50.4	218,541	35.8	852,184	45.6
1970/71	514,173	37.9	269,079	48.9	783,252	41.1

Sources: Statistics Canada, Education, Culture and Tourism Division.
Minority and Second Language Education, Elementary and Secondary Levels, (81-257).

Notes: 1. French immersion enrolment is included from 1976/77 on.
2. Participation Rate is the percentage of total enrolment, not including enrolment of French-speaking students in French instructional units, which is actually receiving instruction in French as a second language.

Table 31.15 Student Certificates and Diplomas at Secondary School Level, Ontario, Selected Years, 1971 to 1984

	Certificate of	Graduation Diploma		Honours Graduation Diploma	
Year	Training	Secondary	Private	Secondary	Private
			number		
1984	3,852	92,715	12,710	38,078	8,246
1983	5,463	91,586	12,418	38,296	8,267
1982	5,355	98,996	12,059	36,752	8,212
1981	5,395	102,924	11,015	36,591	8,785
1980	5,708	97,779	10,085	36,112	7,234
1979	5,330	98,248	9,721	35,864	6,386
1978	5,598	93,137	9,704	36,370	5,806
1977	5,175	92,151	8,641	37,495	5,633
1976	4,889	90,891	7,478	36,868	5,355
1971	7,635	80,701	6,495	35,351	4,425

Source: Ministry of Education, *Education Statistics Ontario.*

Notes: 1. Graduation Diploma is granted to students who completed grade 12 credit requirements while Honours Graduation Diploma is normally awarded to grade 13 graduates.
2. Data include all day school, night school and correspondence courses.

Table 31.16 Full-Time Teachers in Elementary and Secondary Schools by Age Group and Sex, Ontario, 1977/78 to 1983/84

Year	Under 25	25 – 29	30 – 34	35 – 39	40 – 44	45 – 49	50 & Over	Age Not Reported	Total
					number				
1983/84									
Male	167	1,874	6,512	11,196	9,699	6,244	7,107	40	42,839
Female	867	5,700	11,091	11,538	8,036	5,149	6,915	55	49,351
Total	1,034	7,574	17,603	22,734	17,735	11,393	14,022	95	92,190
1982/83									
Male	169	2,232	7,631	11,166	8,995	5,557	6,585	106	42,441
Female	1,096	6,275	12,377	10,440	7,344	4,642	6,641	112	48,927
Total	1,265	8,507	20,008	21,606	16,339	10,199	13,226	218	91,368
1981/82									
Male	230	2,861	9,129	10,896	8,412	5,237	6,257	90	43,112
Female	1,357	7,406	12,975	9,353	6,527	4,472	6,359	120	48,569
Total	1,587	10,267	22,104	20,249	14,939	9,709	12,616	210	91,681
1980/81									
Male	221	3,639	10,487	10,463	7,744	4,848	5,863	102	43,367
Female	1,357	9,027	13,220	8,339	5,994	4,208	6,194	136	48,475
Total	1,578	12,666	23,707	18,802	13,738	9,056	12,057	238	91,842
1979/80									
Male	277	4,772	11,105	10,354	7,185	4,541	5,472	92	43,748
Female	1,551	11,299	12,695	7,894	5,540	4,093	6,057	100	49,229
Total	1,828	16,021	23,800	18,248	12,725	8,634	11,529	192	92,977
1978/79									
Male	393	6,160	11,526	10,038	6,490	4,268	5,132	84	44,091
Female	2,052	13,662	11,809	7,447	5,125	3,991	6,066	117	50,269
Total	2,445	19,822	23,335	17,485	11,615	8,259	11,198	201	94,360
1977/78									
Male	594	7,430	11,756	9,680	6,092	4,308	5,225	261	45,346
Female	2,912	15,677	10,647	7,044	4,734	3,913	6,190	332	51,449
Total	3,506	23,107	22,403	16,724	10,826	8,221	11,415	593	96,795

Sources: Statistics Canada, Education, Culture and Tourism Division.
Salaries and Qualifications of Teachers in Public Elementary and Secondary Schools, (81-202).

Note: Teachers in private and federal schools and schools for the blind and deaf are excluded.

Table 31.17 Median Salaries of Elementary and Secondary School Teachers, Ontario, 1978/79 to 1984/85

Year	Elementary	Secondary
	dollars	
1984/85	35,535	42,219
1983/84	35,042	40,997
1982/83	30,892	36,702
1981/82	26,749	34,598
1980/81	23,490	29,867
1979/80	20,195	26,889
1978/79r	18,528	24,799

Source: Ministry of Education, *Education Statistics Ontario.*

Note: Teachers in separate schools are included, but those in private schools, federal schools and schools for the blind and deaf are excluded.

Table 31.18 Full-Time Post-Secondary Enrolment at Colleges of Applied Arts and Technology by Sex and Division, Ontario, Selected Years, 1971/72 to 1984/85

Year	Technology	Business	Applied Arts	Health	Total
			number		
1984/85					
Male	21,744	13,967	9,272	1,374	46,357
Female	2,693	20,763	14,935	11,032	49,423
Total	24,437	34,730	24,207	12,406	95,780
1983/84					
Male	22,681	13,697	8,733	1,176	46,287
Female	2,780	21,146	14,725	10,313	48,964
Total	25,461	34,843	23,458	11,489	95,251
1982/83					
Male	21,227	12,700	7,635	1,050	42,612
Female	2,750	20,220	13,706	9,536	46,212
Total	23,977	32,920	21,341	10,586	88,824
1981/82					
Male	18,378	11,437	6,528	1,051	37,394
Female	2,378	18,104	12,950	8,416	41,848
Total	20,756	29,541	19,478	9,467	79,242
1980/81					
Male	17,402	11,053	6,360	1,057	35,872
Female	2,240	16,715	12,823	8,095	39,873
Total^{r}	19,642	27,768	19,183	9,152	75,745
1979/80					
Male	15,878	10,109	5,998	989	32,974
Female	2,035	14,670	12,237	7,789	36,731
Total	17,913	24,779	18,235	8,778	69,705
1978/79					
Male	14,886	8,731	5,906	968	30,491
Female	1,790	12,478	11,479	7,456	33,203
Total	16,676	21,209	17,385	8,424	63,694
1977/78					
Male	14,021	8,324	6,018	874	29,237
Female	1,571	10,959	11,121	7,719	31,370
Total	15,592	19,283	17,139	8,593	60,607
1976/77					
Male	13,195	7,828	6,057	823	27,903
Female	1,387	9,609	10,424	8,944	30,364
Total	14,582	17,437	16,481	9,767	58,267
1971/72					
Male	11,032	7,618	5,068	263	23,981
Female	650	4,507	5,337	651	11,145
Total	11,682	12,125	10,405	914	35,126

Source: Ministry of Colleges and Universities, *Ontario College Information System, Student System Report.*

Notes: 1. Enrolment in Health excludes nursing prior to 1973.
2. These figures exclude Ryerson Polytechnical Institute.
3. Students with no information on division of study are not included.

Table 31.19 Full-Time Post-Secondary Enrolment by Division at Colleges of Applied Arts and Technology, Ontario, 1984/85

	Applied Arts	Business	Technology	Health	Total
			number		
Algonquin	1,912	2,519	2,587	1,119	8,137
Cambrian	971	973	704	391	3,039
Canadore	548	1,044	525	279	2,396
Centennial	1,217	3,006	1,801	427	6,451
Conestoga	627	1,283	960	678	3,548
Confederation	895	756	510	258	2,419
Durham	351	1,044	621	378	2,394
Fanshawe	1,870	1,647	1,463	886	5,866
George Brown	1,525	1,571	1,377	1,279	5,752
Georgian	882	1,181	556	635	3,254
Humber	2,986	3,371	1,698	976	9,031
Lambton	272	476	434	154	1,336
Loyalist	786	675	548	218	2,227
Mohawk	811	1,933	2,055	1,215	6,014
Niagara	1,078	1,177	742	521	3,518
Northern	236	476	453	183	1,348
St. Clair	863	1,462	1,041	793	4,159
St. Lawrence	1,107	1,579	701	710	4,097
Sault	231	432	918	165	1,746
Seneca	1,747	5,095	1,944	652	9,438
Sheridan	2,617	2,143	973	305	6,038
Sir Sanford Fleming	675	887	1,826	184	3,572
Total	24,207	34,730	24,437	12,406	95,780

Source: Ministry of Colleges and Universities, *Ontario College Information System, Student System Report.*

Table 31.20 Diplomas and Certificates Awarded by Community Colleges and Related Institutions by Sex, Ontario Compared to Canada, Selected Years, 1967/68 to 1982/83

	Male Graduates		Female Graduates		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
1982/83	10,057	30.4	13,567	32.5	23,624	31.6
1981/82[r]	9,579	30.2	12,915	32.2	22,494	31.3
1980/81[r]	8,824	29.0	12,483	32.5	21,307	31.0
1979/80[r]	8,066	27.2	11,618	30.9	19,684	29.2
1978/79[r]	7,426	24.7	10,834	28.5	18,260	26.8
1977/78[r]	7,085	24.4	10,475	29.2	17,560	27.0
1976/77	6,856	25.7	10,728	31.5	17,584	29.0
1975/76	6,726	26.8	10,165	32.2	16,891	29.8
1971/72	6,427	29.4	10,169	39.3	16,596	34.8
1967/68	3,757	38.6	8,266	46.7	12,023	43.9

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: For definition of related institutions, see Table 31.1, note 3.

Table 31.21 College Certificate and Vocational Training Completions at Colleges of Applied Arts and Technology, Ontario, 1979/80 to 1984/85

	College Certificate Programs				Management Development Program
	Sponsored		Fee-Payers		
Year	Full-time	Part-time	Full-time	Part-time	
			number		
1984/85	19,805	546	5,776	8,682	17,905
1983/84	22,636	255	7,127	12,169	15,240
1982/83^{r}	25,031	555	7,559	15,110	13,779
1981/82^{r}	22,758	877	7,930	15,473	13,189
1980/81^{r}	24,822	1,977	7,406	13,923	15,377
1979/80^{r}	22,203	1,312	5,676	11,546	13,989

Source: Ministry of Colleges and Universities, College Affairs Branch, OCIS Operations.

Notes: 1. College Certificate Programs were previously referred to as Adult Training.

2. College certificate programs normally are less than one year in duration. Sponsored refers to students who are supported by Canadian Employment and Immigration Commission (CEIC) and/or the Ontario government. CEIC may pay the tuition fees and provide the income support during the training program. Fee-Payers refers to students who pay their own fees.

Table 31.22 Enrolment in Apprenticeship and Tradesmen Training Programs, Ontario, 1971/72 to 1983/84

	Apprenticeship Program				
Year	New Registrations	Completions	Cancellations	Year-end Active Apprentices	Full-time Enrolment
			number		
1983/84	8,289	7,500	2,296	38,371	14,735
1982/83	8,096	7,256	3,396	39,878	16,228
1981/82	14,000	4,206	3,704	42,434	15,849
1980/81	11,011	3,823	1,994	36,344	15,961
1979/80	10,709	5,422	4,285	31,150	16,248
1978/79	9,909	5,818	3,558	30,148	15,811
1977/78	9,818	4,976	2,563	29,615	16,023
1976/77	9,722	4,775	3,826	27,336	15,351
1975/76^{r}	9,235	4,485	3,029	26,215	13,288
1974/75	9,556	3,850	3,043	24,497	12,178
1973/74	8,429	4,238	3,668	21,832	10,994
1972/73	7,719	3,685	3,050	21,283	10,552
1971/72	8,787	4,293	2,341	20,299	10,766

Table 31.22 (cont'd.)

Year	Certification Program Initial Certificates	 Renewals Issued	 Year-end Certificate Holders
		number	
1983/84	11,148	7,500	260,049
1982/83[r]	13,797	62,500	251,721
1981/82[r]	25,168	27,493	231,507
1980/81	20,716	58,583	206,853
1979/80	16,259	69,986	209,560
1978/79	10,044	70,657	197,794
1977/78	9,400	66,478	193,263
1976/77	9,089	67,310	188,212
1975/76	9,961	64,973	183,227
1974/75	12,776	65,025	177,489
1973/74	15,557	59,864	168,582
1972/73	18,990	66,733	157,371
1971/72	12,114	81,966	146,142

Source: Ministry of Skills Development, Employment Training Branch.

Notes: 1. Full-time Enrolment includes five intakes each year as follows: April, September, October, January and March.
2. Year-end Active Apprentices and Year-end Certificate Holders as of March 31.
3. Statistics accumulated from April 1 to March 31, unless otherwise noted.

Table 31.23 Graduates of Colleges of Applied Arts and Technology by Sex and Division, Ontario, 1975/76 to 1983/84

Year	Applied Arts	Business	Technology	Health	Total
			number		
1983/84					
Male	2,085	2,853	5,446	523	10,907
Female	4,630	6,641	764	3,768	15,803
Total	6,715	9,494	6,210	4,291	26,710
1982/83					
Male	1,956	2,521	5,031	492	10,000
Female	4,507	6,262	674	3,526	14,969
Total	6,463	8,783	5,705	4,018	24,969
1981/82					
Male	1,723	2,480	4,695	467	9,365
Female	4,223	6,019	598	3,559	14,399
Total	5,946	8,499	5,293	4,026	23,764
1980/81					
Male	1,599	2,309	4,261	496	8,665
Female	4,107	5,492	592	3,724	13,915
Total	5,706	7,801	4,853	4,220	22,580
1979/80					
Male	1,466	2,079	3,971	393	7,909
Female	3,865	4,993	462	3,656	12,976
Total	5,331	7,072	4,433	4,049	20,885
1978/79					
Male	1,432	1,737	3,633	399	7,201
Female	3,569	4,302	463	3,539	11,873
Total	5,001	6,039	4,096	3,938	19,074
1977/78					
Male	1,426	1,680	3,361	379	6,846
Female	3,417	3,746	376	3,819	11,358
Total	4,843	5,426	3,737	4,198	18,204
1976/77					
Male	1,477	1,670	3,204	353	6,704
Female	3,281	3,457	314	4,622	11,674
Total	4,758	5,127	3,518	4,975	18,378
1975/76					
Male	1,480	1,585	3,028	275	6,368
Female	3,139	3,009	238	4,265	10,651
Total	4,619	4,594	3,266	4,540	17,019

Source: Ministry of Colleges and Universities, *Ontario College Information System, Student System Report*.

Table 31.24 Full-Time Teachers at Colleges of Applied Arts and Technology by Sex and Age Group, Ontario, 1980/81 to 1984/85

Year	Under 25	25 – 29	30 – 34	35 – 39	40 – 44	45 – 49	50 & Over	Total
					number			
1984/85								
Male	8	100	407	859	959	853	1,541	4,727
Female	2	122	305	518	542	361	591	2,441
Total	10	222	712	1,377	1,501	1,214	2,132	7,168
1983/84								
Male	9	106	431	856	971	815	1,426	4,614
Female	6	135	311	534	506	321	572	2,385
Total	15	241	742	1,390	1,477	1,136	1,998	6,999
1982/83^{r}								
Male	6	115	501	872	913	748	1,366	4,521
Female	5	152	336	551	463	305	545	2,357
Total	11	267	837	1,423	1,376	1,053	1,911	6,878
1981/82^{r}								
Male	5	138	579	847	870	695	1,302	4,436
Female	13	172	411	549	419	310	517	2,391
Total	18	310	990	1,396	1,289	1,005	1,819	6,827
1980/81^{r}								
Male	8	157	623	852	854	649	1,205	4,348
Female	13	191	464	526	383	297	508	2,382
Total	21	348	1,087	1,378	1,237	946	1,713	6,730

Source: Ministry of Colleges and Universities, *Ontario College Information System, Staff Systems Report.*

Table 31.25 Average Academic Salaries by Rank at Colleges of Applied Arts and Technology, Ontario, 1976/77 to 1984/85

Year	Masters	Instructors	Average
		dollars	
1984/85	38,667	32,621	38,602
1983/84	37,826	30,754	37,752
1982/83^{r}	34,993	26,877	34,891
1981/82^{r}	31,983	25,629	31,888
1980/81^{r}	27,982	21,829	27,886
1979/80^{r}	25,249	19,294	25,130
1978/79^{r}	24,293	17,846	24,052
1977/78^{r}	22,035	16,307	21,811
1976/77^{r}	21,134	15,413	20,960

Source: Ministry of Colleges and Universities, *Ontario College Information System, Staff System Report.*

Table 31.26 Student Assistance Program, Ontario, 1978/79 to 1983/84

	Students			Value of Assistance		
Year	Grant/ Loan	Loan Only	Total	Grant	Canada Student Loan	OSAP Loan
		number			$ '000's	
Universities						
1983/84	42,024	14,864	56,888	52,933.8	119,631.6	14,899.7
1982/83	38,129	13,549	51,678	51,772.6	77,553.0	32,687.1
1981/82	31,562	11,798	43,360	40,495.5	55,694.6	18,352.1
1980/81	32,359	10,749	43,108	43,005.5	46,505.4	15,710.5
1979/80	33,287	12,817	46,104	43,212.9	42,617.9	13,054.2
1978/79	31,168	14,350	45,518	42,512.6	46,094.6	12,223.4
Colleges of Applied Arts & Technology						
1983/84	36,746	2,945	39,691	43,734.8	66,372.7	4,351.9
1982/83	33,402	2,496	35,898	41,296.3	47,102.7	11,285.6
1981/82	25,323	1,931	27,254	30,454.0	29,191.5	4,601.3
1980/81	24,669	1,632	26,301	31,483.9	22,110.7	3,414.2
1979/80	24,057	1,967	26,024	30,569.0	16,956.4	2,923.5
1978/79	18,725	2,162	20,887	24,783.8	16,007.0	3,137.9
Other Institutions						
1983/84	8,160	7,713	15,873	8,937.6	42,346.0	5,574.7
1982/83	7,023	6,179	13,202	8,046.7	21,888.5	7,367.7
1981/82	5,672	4,894	10,566	6,522.5	17,021.3	4,695.9
1980/81	5,292	4,290	9,582	6,534.1	14,775.1	2,823.7
1979/80	5,029	4,779	9,808	5,984.7	13,613.8	2,003.4
1978/79	3,987	4,564	8,551	4,796.1	12,316.4	732.9
Total						
1983/84	86,930	25,522	112,452	105,606.2	228,350.2	24,826.3
1982/83	78,554	22,224	100,778	101,115.6	146,544.2	51,340.4
1981/82	62,557	18,623	81,180	77,472.0	101,907.4	27,649.3
1980/81	62,320	16,671	78,991	81,023.5	83,391.2	21,948.4
1979/80	62,373	19,563	81,936	79,766.5	73,206.0	17,981.1
1978/79	53,880	21,076	74,956	72,092.5	74,418.0	16,094.1

Source: Ministry of Colleges and Universities, Student Awards Branch, OSAP *Statistical Reports*.

Notes: 1. OSAP refers to Ontario Student Assistance Program.
2. Universities includes Ryerson Polytechnical Institute.
3. Other Institutions includes eligible private schools, medical institutes, Ontario College of Art, Bar Admission, Royal Military College, agricultural colleges, out-of-province Canadian institutions and universities and foreign universities and institutions.
4. The figures represent authorized assessments only, not actual monies paid out.
5. From 1982/83 on, data represent July 1 to June 30 accumulations; prior to 1982/83, data represent June 1 to May 31 accumulations.

Table 31.27 University Enrolment by Institution and Level of Study, Ontario, 1983/84

	Undergraduate			Graduate		
	Full-time Degree	Part-time Degree	Total	Full-time Degree	Part-time Degree	Total
			number			
Brock	3,852	3,362	7,214	93	403	496
Carleton	9,320	4,498	13,818	1,021	778	1,799
Guelph	9,888	1,550	11,438	887	152	1,039
Lakehead	3,410	1,370	4,780	129	117	246
Laurentian	3,790	3,908	7,698	78	93	171
McMaster	10,306	2,784	13,090	1,189	861	2,050
OCA	1,275	1,689	2,964	–	–	–
Ottawa	11,808	6,653	18,461	1,493	1,587	3,080
Queen's	9,848	3,435	13,283	1,502	483	1,985
Ryerson	8,765	10,870	19,635	–	–	–
Toronto	30,447	12,487	42,934	5,302	3,694	8,996
Trent	2,819	1,033	3,852	39	3	42
Waterloo	15,120	6,712	21,832	1,355	492	1,847
Western	18,179	5,807	23,986	1,877	697	2,574
Wilfrid Laurier	4,252	2,708	6,960	292	184	476
Windsor	7,829	4,210	12,039	567	411	978
York	14,840	14,335	29,175	1,454	1,537	2,991
Dominican	55	84	139	13	9	22
Total	165,803	87,495	253,298	17,291	11,501	28,792

Source: Ministry of Education, Research and Information Branch, University Student Information System (USIS) and University Affairs Reports (UAR) System.

Table 31.28 University Enrolment by Sex, Ontario, Selected Years, 1961/62 to 1984/85

	Full-time		Part-time		All		
Year	Undergraduate	Graduate	Undergraduate	Graduate	Undergraduate	Graduate	Total
				number			
1984/85p							
Male	85,010	12,990	32,250	6,950	117,260	19,940	137,200
Female	79,550	7,860	51,300	5,330	130,850	13,190	144,040
Total	164,560	20,850	83,550	12,280	248,110	33,130	281,240
1983/84							
Male	85,289	12,972	33,652	6,861	118,941	19,833	138,774
Female	77,077	7,781	52,226	5,104	129,303	12,885	142,188
Total	162,366	20,753	85,878	11,965	248,244	32,718	280,962
1982/83							
Male	83,206	12,559	33,980	7,038	117,186	19,597	136,783
Female	72,618	7,392	51,386	4,915	124,004	12,307	136,311
Total	155,824	19,951	85,366	11,953	241,190	31,904	273,094
1981/82							
Male	79,833	12,206	31,597	7,283	111,430	19,489	130,919
Female	68,738	7,097	47,616	4,687	116,354	11,784	128,138
Total	148,571	19,303	79,213	11,970	227,784	31,273	259,057
1980/81							
Male	77,084	11,711	30,201	7,633	107,285	19,344	126,629
Female	64,817	6,604	45,440	4,545	110,257	11,149	121,406
Total	141,901	18,315	75,641	12,178	217,542	30,493	248,035
1979/80							
Male	74,986	11,204	29,235	7,781	104,221	18,985	123,206
Female	61,695	6,073	43,142	4,342	104,837	10,415	115,252
Total	136,681	17,277	72,377	12,123	209,058	29,400	238,458
1978/79							
Male	74,658	11,830	27,907	7,906	102,565	19,736	122,301
Female	61,408	5,784	40,051	4,272	101,459	10,056	111,515
Total	136,066	17,614	67,958	12,178	204,024	29,792	233,816
1977/78							
Male	78,294	12,166	27,770	8,266	106,064	20,432	126,496
Female	63,172	5,590	38,859	4,110	102,031	9,700	111,731
Total	141,466	17,756	66,629	12,376	208,095	30,132	238,227
1976/77							
Male	81,520	12,671	24,833	8,700	106,353	21,371	127,724
Female	64,331	5,463	35,933	3,768	100,264	9,231	109,495
Total	145,851	18,134	60,766	12,468	206,617	30,602	237,219
1971/72							
Male	74,039	12,735	24,236	6,477	98,275	19,212	117,487
Female	44,000	3,645	25,011	1,728	69,011	5,373	74,384
Total	118,039	16,380	49,247	8,205	167,286	24,585	191,871
1966/67							
Male	41,478	6,445	14,771	2,711	56,249	9,156	65,405
Female	19,725	1,282	9,713	665	29,438	1,947	31,385
Total	61,203	7,727	24,484	3,376	85,687	11,103	96,790
1961/62							
Male	24,312	2,501	. .	. .	. .	. .	. .
Female	8,761	402	. .	. .	. .	. .	. .
Total	33,073	2,903	. .	. .	. .	. .	. .

Sources: Statistics Canada, Education, Culture and Tourism Division.
Universities: Enrolment and Degrees, (81-204).
Advance Statistics of Education, (81-220).

Table 31.29 Undergraduate Enrolment by Field of Study, Ontario, 1978/79 to 1983/84

Year	Agricultural & Biological Science		Education		Engineering & Applied Sciences		Fine & Applied Arts	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	number							
1983/84	8,454	758	10,132	7,552	18,196	1,319	5,512	1,291
1982/83^{r}	7,982	646	9,675	8,633	18,611	1,300	5,301	1,298
1981/82	7,557	532	9,792	7,937	18,535	1,121	5,307	1,238
1980/81	7,680	546	9,579	7,292	17,923	1,270	5,226	1,270
1979/80	7,932	562	9,183	4,921	17,454	1,143	5,134	1,434
1978/79	8,441	556	10,162	2,472	16,943	1,091	5,356	981

Table 31.29 (cont'd.)

Year	Health Sciences		Humanities		Mathematics & Physical Sciences	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	number					
1983/84	7,618	871	11,873	4,498	12,684	2,303
1982/83^{r}	7,556	736	10,957	4,418	12,169	2,083
1981/82	7,513	606	10,507	4,647	10,216	1,727
1980/81	7,380	571	10,357	4,826	8,794	1,454
1979/80	7,389	524	10,831	4,765	7,883	1,311
1978/79	7,441	584	10,640	4,902	7,648	1,094

Table 31.29 (cont'd.)

Year	Social Sciences		Unclassified		Total	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	number					
1983/84	45,848	16,287	42,049	50,999	162,366	85,878
1982/83^{r}	43,757	15,290	39,816	50,962	155,824	85,366
1981/82	41,698	14,790	37,446	46,615	148,571	79,213
1980/81	38,568	14,018	36,394	44,394	141,901	75,641
1979/80	36,412	12,983	34,463	44,374	136,681	72,377
1978/79	35,183	12,407	34,252	43,871	136,066	67,958

Sources: Statistics Canada, Education, Culture and Tourism Division.
Universities: Enrolment and Degrees, (81-204).

Table 31.30 Graduate Enrolment by Field of Study, Ontario, 1978/79 to 1983/84

Year	Agricultural & Biological Science		Education		Engineering & Applied Sciences		Fine & Applied Arts	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	number							
1983/84	1,324	194	1,185	3,025	2,210	1,110	312	114
1982/83r	1,269	207	1,189	3,125	1,871	1,120	284	125
1981/82	1,174	217	1,156	3,285	1,578	1,073	313	103
1980/81	1,158	219	1,160	3,437	1,539	1,121	302	86
1979/80	1,095	191	1,090	3,474	1,300	1,089	257	96
1978/79	1,029	196	1,033	3,468	1,421	1,037	246	84

Table 31.30 (cont'd.)

Year	Health Sciences		Humanities		Mathematics & Physical Sciences	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	number					
1983/84	4,333	494	2,754	1,514	2,074	453
1982/83r	4,202	439	2,748	1,567	1,944	484
1981/82	4,112	377	2,896	1,503	1,821	468
1980/81	3,897	373	2,794	1,606	1,473	463
1979/80	3,159	402	2,859	1,743	1,558	481
1978/79	2,959	342	3,298	1,943	1,521	483

Table 31.30 (cont'd.)

Year	Social Sciences		Unclassified		Total	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	number					
1983/84	6,294	4,588	267	473	20,753	11,965
1982/83r	6,321	4,448	123	438	19,951	11,953
1981/82	6,132	4,499	121	445	19,303	11,970
1980/81	5,875	4,416	117	457	18,315	12,178
1979/80	5,823	4,178	136	469	17,277	12,123
1978/79	5,982	4,081	125	544	17,614	12,178

Sources: Statistics Canada, Education, Culture and Tourism Division.
Universities: Enrolment and Degrees. (81-204).

Table 31.31 Graduate Scholarships, Ontario, Selected Years, 1971/72 to 1983/84

Year	Students	Value of Scholarships
	#	$ '000's
1983/84	1,184	7,344.5
1982/83	1,166	6,980.6
1981/82	1,019	5,291.5
1980/81	1,179	6,494.8
1979/80	1,165	4,841.6
1978/79	1,180	3,385.7
1977/78	916	3,660.0
1976/77	987	3,267.5
1971/72	1,542	3,286.5

Source: Ministry of Colleges and Universities, Student Awards Branch.

Notes: 1. Graduate Scholarships refers to those awarded to graduate students.

2. Data represent the period from May 1 of one year to December 31 of the following year. This is an OGS (Ontario Graduate Scholarship) year and not a fiscal year.

Table 31.32 University Degrees Awarded by Sex, Ontario, Selected Years, 1972 to 1985

Year	Bachelor's & First Professional Degrees	Master's Degree	Doctoral Degrees
		number	
1985			
Male	20,400	3,820	650
Female	22,500	2,960	250
Total	42,900	6,780	900
1984			
Male	19,600	3,750	630
Female	21,300	2,870	240
Total	40,900	6,620	870
1983[r]			
Male	18,962	3,751	642
Female	20,468	2,739	226
Total	39,430	6,490	868
1982[r]			
Male	17,888	3,690	618
Female	19,320	2,498	212
Total	37,208	6,188	830
1981			
Male	17,510	3,793	682
Female	18,649	2,530	210
Total	36,159	6,323	892
1980			
Male	17,819	3,763	638
Female	18,414	2,279	198
Total	36,233	6,042	836
1979			
Male	18,522	3,923	748
Female	19,219	2,182	184
Total	37,741	6,105	932
1978			
Male	19,577	4,196	749
Female	20,137	2,052	159
Total	39,714	6,248	908
1977			
Male	20,128	4,408	691
Female	20,150	2,007	184
Total	40,278	6,415	875
1976			
Male	20,150	4,297	716
Female	18,761	1,790	163
Total	38,911	6,087	879
1972			
Male	17,519	4,187	772
Female	10,532	1,301	79
Total	28,051	5,488	851

Sources: Statistics Canada, Education, Culture and Tourism Division.
Universities: Enrolment and Degrees, (81-204).
Advance Statistics of Education, (81-220).

Notes: 1. Doctoral Degrees refers to earned doctorates.
2. Data for 1984 and 1985 are estimated.
3. Academic year ending in 1972, calendar years from 1976 on.

Table 31.33 Full-Time University Teachers by Age Group and Sex, Ontario, Selected Years, 1971/72 to 1984/85

Year	Under 25	25 – 29	30 – 34	35 – 39	40 – 44	45 – 49	50 & Over	Total
					number			
1984/85								
Male	10	186	836	1,644	2,374	2,269	3,964	11,283
Female	10	93	287	418	474	319	550	2,151
Total	20	279	1,123	2,062	2,848	2,588	4,514	13,434
1983/84								
Male	13	209	892	1,716	2,421	2,207	3,746	11,204
Female	8	104	283	405	467	295	516	2,078
Total	21	313	1,175	2,121	2,888	2,502	4,262	13,282
1982/83[r]								
Male	11	229	942	1,876	2,435	2,077	3,534	11,104
Female	8	109	282	426	423	264	490	2,002
Total	19	338	1,224	2,302	2,858	2,341	4,024	13,106
1981/82								
Male	17	237	1,051	2,041	2,399	1,973	3,317	11,035
Female	14	132	275	429	374	253	461	1,938
Total	31	369	1,326	2,470	2,773	2,226	3,778	12,973
1980/81								
Male	14	255	1,177	2,214	2,379	1,899	3,058	10,996
Female	15	131	279	424	355	237	428	1,869
Total	29	386	1,456	2,636	2,734	2,136	3,486	12,865
1979/80								
Male	16	287	1,330	2,378	2,337	1,832	2,843	11,023
Female	21	117	281	443	296	239	407	1,804
Total	37	404	1,611	2,821	2,633	2,071	3,250	12,827
1978/79								
Male	21	346	1,487	2,458	2,270	1,744	2,664	10,990
Female	13	151	324	417	282	236	392	1,815
Total	34	497	1,811	2,875	2,552	1,980	3,056	12,805
1977/78								
Male	29	415	1,735	2,496	2,136	1,674	2,456	10,941
Female	15	157	377	400	256	251	359	1,815
Total	44	572	2,112	2,896	2,392	1,925	2,815	12,756
1976/77								
Male	31	481	1,902	2,509	2,064	1,605	2,307	10,899
Female	22	164	384	360	250	234	344	1,758
Total	53	645	2,286	2,869	2,314	1,839	2,651	12,657
1971/72								
Male	40	1,063	2,246	1,932	1,520	1.052	1,422	9,275
Female	41	226	260	186	175	139	241	1,268
Total	81	1,289	2,506	2,118	1,695	1,191	1,663	10,543

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: Teachers with age not reported have been distributed according to weights of known age groups.

Table 31.34 Average Academic Salaries by Rank at Universities, Ontario, 1971/72 to 1984/85

Year	Full Professor	Associate Professor	Assistant Professor	Lecturer	Average
			dollars		
1984/85	60,215	46,384	36,630	32,134	48,607
1983/84	57,873	44,357	35,463	30,443	46,651
1982/83^r	55,632	42,603	33,747	29,433	44,703
1981/82	49,506	37,639	29,975	25,679	39,422
1980/81	44,967	33,796	26,940	23,183	35,407
1979/80	41,506	30,955	24,901	21,186	32,335
1978/79	39,216	29,006	23,228	19,692	30,089
1977/78	37,486	27,586	21,902	18,127	28,486
1976/77	35,102	25,565	20,444	16,726	26,393
1971/72	24,350	17,816	14,189	11,441	17,208

Sources: Statistics Canada, Reports from Education, Culture and Tourism Division.
University and (Affiliated) College(s) Academic Staff System.
Ministry of Education, Research and Information Branch.

Notes: 1. Average salaries include those for medical and dental staff but exclude those for Ryerson Polytechnical Institute.
2. 1976/77 figures exclude those for Algoma University College which is a non-sectarian liberal arts college in affiliation with Laurentian University.
3. 1980/81 figures exclude those in Wycliffe and Knox Colleges of the University of Toronto.

Table 31.35 Teacher Graduates by Grade Group, Ontario, 1980 to 1984

Year	Primary/ Junior K–6	Junior/ Inter-mediate (elemen-tary) 4 – 8	Primary/ Junior/ Inter-mediate K–10	Junior/ Inter-mediate 4 – 10	Inter-mediate/ Senior 7 – 13	Techno-logical Studies	Total	Special Education	TFSL
					number				
1984	1,407	. . .	. . .	782	1,420	153	3,762	946	461
1983	1,322	. . .	. . .	787	1,171	134	3,414	860	378
1982	1,271	. . .	. . .	790	1,217	148	3,426	882	329
1981	1,204	6	22	705	1,393	155	3,485	751	412
1980	1,166	19	131	612	1,240	130	3,183	694	349

Source: Ministry of Education, *Education Statistics Ontario.*

Notes: 1. TFSL refers to Teaching French as a Second Language.
2. The distributions by grade and division include Special Education and TFSL.
3. From 1982 on, the categories Junior/Intermediate (elementary) 4 – 8 and Primary/Junior/Intermediate K–10 no longer apply.

Chapter 32
Justice and Protection

Justice and Protection

This chapter covers a number of government activities: policing, the court system, correctional services and fire protection. Of these functions, the police function involves all three levels of government–federal, Provincial and municipal. The court system and correctional services involve the federal and Provincial levels of government only. Fire protection is a function of municipal government in Ontario. Statistics in this chapter reflect primarily the activities of the Provincial and local levels of government in Ontario.

Total Provincial and local government expenditures on justice and protection amounted to $2.2 billion in 1984. The Provincial figures include the spending of all ministries with justice-related mandates. This includes the Ministry of Consumer and Commercial Relations, whose mandate primarily is the protection of consumers and the regulation of corporations. Some of the Provincial expenditures reported are transfers to local governments for purposes specifically connected with police and fire protection. Therefore, the figures for total Provincial and local government expenditures contain a small but unquantifiable amount of double counting. As well, there is a small amount of double counting for local government expenditures, since a small portion of capital expenditure for fire and police protection is transferred from the revenue fund.

The Ontario Provincial Police are responsible for policing areas which are not covered by municipal forces, criminal investigation, providing highway traffic patrols and enforcing the Province's liquor laws. Total expenditures of the Ontario Provincial Police are included in the figures for the Solicitor General. Metropolitan Toronto, most regional municipalities and other urban centres have their own police forces which are regulated by the Ontario Police Commission.

Traffic and related offences are treated separately from other offences. Non-traffic offences are divided into four major categories, according to the statute in question: Criminal Code, other federal statutes, Provincial statutes and municipal by-laws. The responsibility for criminal prosecutions is shared by the two senior levels of government. Provincial Attorneys General are responsible for prosecutions under the Criminal Code, provincial statutes and municipal by-laws, while the federal Justice Minister is responsible for prosecutions under other federal statutes (e.g. the Food and Drug Act, the Narcotic Control Act). Most serious crimes fall under the Criminal Code. Prosecutions may be carried out by the police or by government lawyers.

Offence rates, or the level of criminal activity, are shown per 100,000 population. From a police point of view, offences are either cleared–i.e. resolved–or not cleared. An offence is cleared most often when charges are laid against at least one person. About 15% of cases are cleared for other reasons, e.g. when a person is committed to a mental institution and not likely to be released, or when a person has diplomatic immunity. The percent of the offences which are cleared is a crude measure of the effectiveness of policing.

Under Canadian and Provincial legislation, adults and juveniles are treated differently under the justice system. Accordingly, details on charges laid by the police are kept separately for adults and juveniles. Under the former Juvenile Delinquents Act, juvenile courts were given exclusive jurisdiction to deal with children accused of committing a delinquency. The courts' jurisdiction is limited by the age of the accused. Until 1985, the age limit in Ontario was under 16 years of age. Other provinces had different age limits, e.g. British Columbia and Newfoundland's limit was under 17 years of age, while Manitoba and Quebec's was under 18 years of age. As well, the method of dealing with juveniles varied from province to province and from one locality to another. These differences limited the usefulness of interprovincial comparisons of juvenile delinquency. When phase 2 of the Young Offenders Act came into effect on April 1, 1985, the definition of young offenders was standardized across Canada as those under 18 years of age. This change is not reflected in tables in this edition of Ontario Statistics, but will affect future editions.

The administration of courts and the justice system is divided between the federal and provincial levels of government. The federal government established and bears the costs of the Supreme Court of Canada, the Federal Court of Canada and the Court Martial Appeal Court of Canada. The provincial governments, under The Constitution Act, establish courts of appeal, supreme courts, county courts, district courts and provincial courts. Some of these court judges are appointed and paid by the federal government; these courts are called superior courts. All other provincially constituted courts are called Provincial courts, and their judges are appointed by the provincial government. The Province is responsible for the operation of all provincially established courts.

Included under the Provincial expenditure data for the Attorney General are the costs for administering courts in Ontario. It is not possible to separately identify federal expenditure on courts in Ontario. However, it is estimated that the Provincial expenditure on courts amounts to almost 90% of the total government expenditure on courts in Ontario, with the remaining 10% being federal expenditures.

The function of correctional services is shared by the federal and provincial governments. The federal government has the responsibility for persons sentenced to two years or more, the Provincial Government for persons sentenced to less than two years. Ontario's correctional services are provided by the Ministry of Correctional Services for those 16 years and over and by the Ministry of Community and Social Services for those under 16 years.

Ontario operates three types of correctional institutions: jails and detention centres, correctional centres and treatment facilities. Jails and detention centres are all maximum security institutions. In general, they house inmates awaiting trial or sentencing, those serving short sentences and those awaiting transfer to federal institutions or Provincial correctional centres. The latter are institutions designed to hold inmates with longer sentences. Typically, an inmate with an aggregate sentence of 90 days or longer is classified and assigned to a correctional centre. Ontario has two treatment facilities which provide psychiatric assessment for male offenders referred from any Provincial institutions. With respect to correctional services for juveniles, the Ministry of Community and Social Services operates training schools.

Fire protection is basically a local government activity. However, the Province is responsible for co-ordinating, directing and advising on virtually every aspect of fire prevention, fire fighting and fire investigation. Provincial expenditures on fire protection are included under expenditures of the Ministry of the Solicitor General. All fire incidents are reported to the Solicitor General by municipal fire departments.

Sources of Data

Data on police force personnel, adult offences, juvenile delinquency and traffic enforcement were obtained from Statistics Canada's publication *Crime and Traffic Enforcement Statistics, (85-205)*, and from *Justice Statistics, Ontario,* published by the former Ontario Provincial Secretariat for Justice. Offence statistics reported by Statistics Canada are taken from the Uniform Crime Reporting system (UCR). Under the system, where several offences occur in one incident, only the most serious offence is counted. Hence the statistics for offences in fact should more accurately be termed incidents in which offences took place. The Uniform Crime Reporting system is used by all police forces in Canada. Additional information on all juveniles processed by police and court dispositions of juvenile delinquency is available from The Canadian Centre for Justice Statistics publication, *Juvenile Delinquents.*

Statistics on traffic accidents were supplied by the Ministry of Transportation and Communications. Persons charged with traffic offences are differentiated by sex, but there is no information on whether the offenders are juvenile or adult. There is some double counting in numbers of offences and persons charged since the same person is counted on each occasion that he/she has been charged with having committed an offence. The motor vehicle accidents and deaths reported by Statistics Canada will not necessarily agree with those reported by the Ministry of Transportation and Communications. The latter generally report vehicle accidents which occur on public roads only. In addition, traffic deaths reported by Statistics Canada and the Ministry of Transportation and Communications may not agree with those reported in the publication *Mortality, Vital Statistics, (84-206)*, since the latter bases its figures on medical certificates of cause of death.

Data on admittance to jails and detention centres come from the Ministry of Correctional Services' *Annual Report.* The data include both persons who serve their sentences in Provincial facilities and persons whose sentences are over two years, awaiting transfer to federal penitentiaries. The number of people admitted to jails and detention centres is considerably larger than the number of people sentenced to jail terms because people who are sent to jails or detention centres are not necessarily sentenced with jail terms, e.g. suspects, acquittals. Further information is available from Research Services, the Ministry of the Attorney General, telelphone Toronto, 965-4870. Data on fire protection and fire incidents come from the Ministry of the Solicitor General. Further information is available from the *Annual Report* of the Ministry of the Solicitor General, and *Canadian Forest Fire Statistics,* published by Environment Canada.

More information can be obtained from the Canadian Centre for Justice Statistics, telephone Ottawa, 990-9026.

Justice and Protection

Charts:

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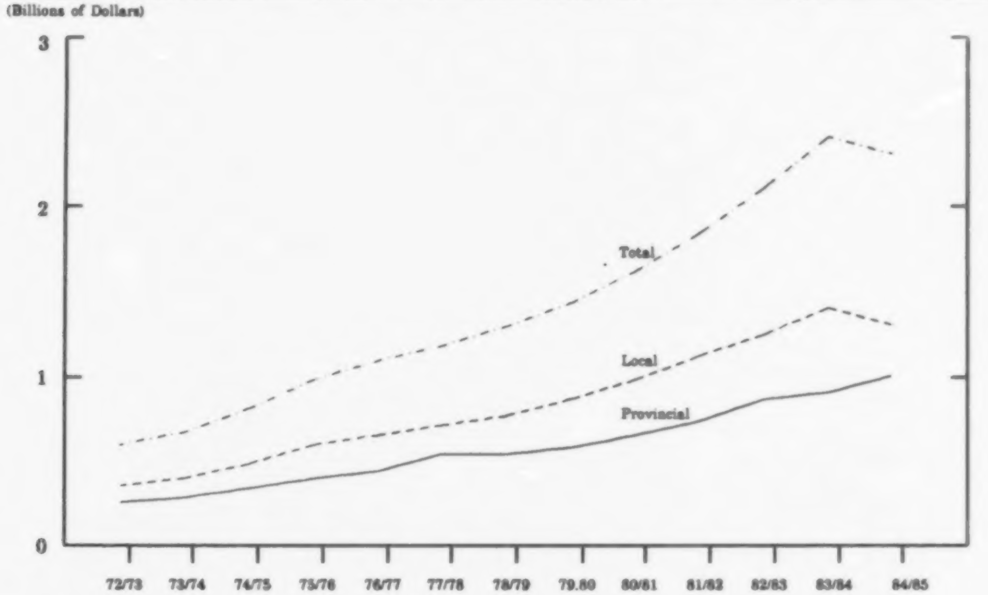
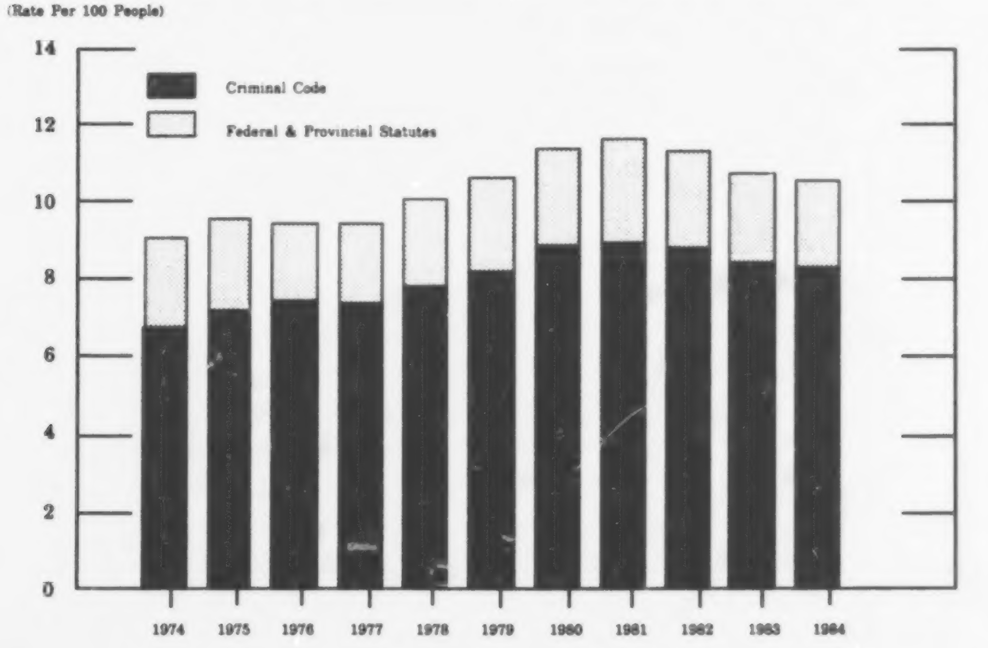
Chart 32.1 Expenditure on Justice and Protection in Ontario, 1972/73 to 1984/85



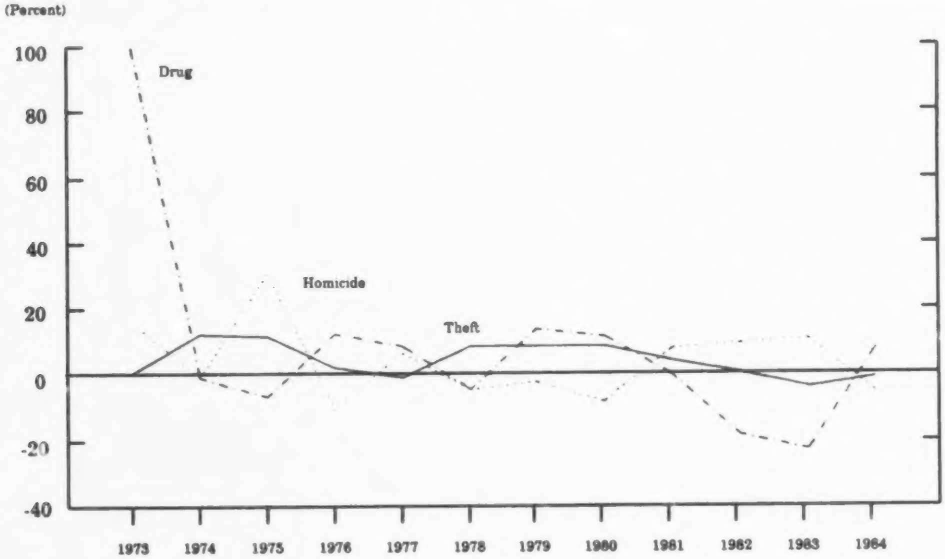
Refer to Table 32.1

Chart 32.2 Offences, Ontario, 1974 to 1984



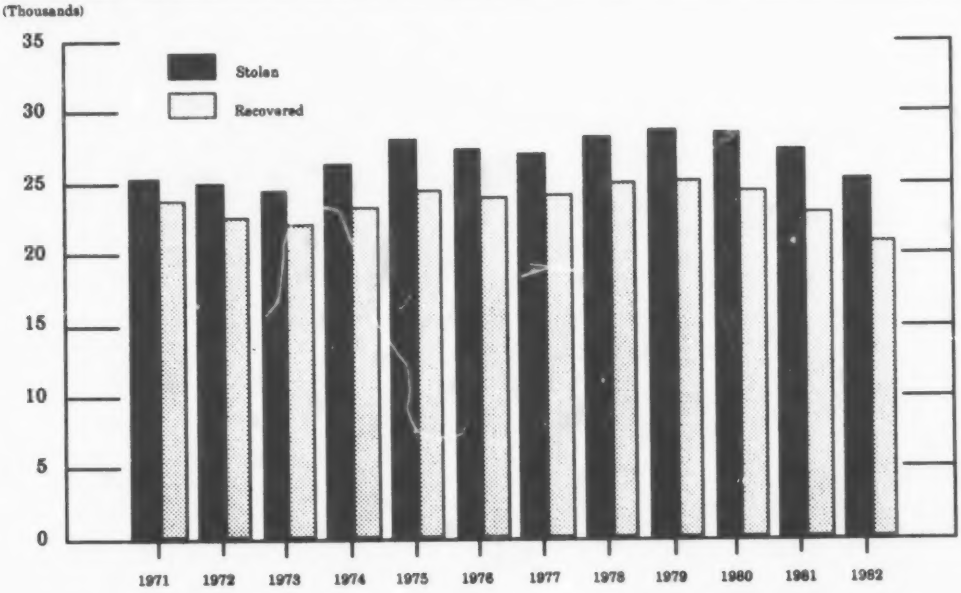
Refer to Table 32.3

Chart 32.3 Growth in Selected Offences, Ontario, 1973 to 1984



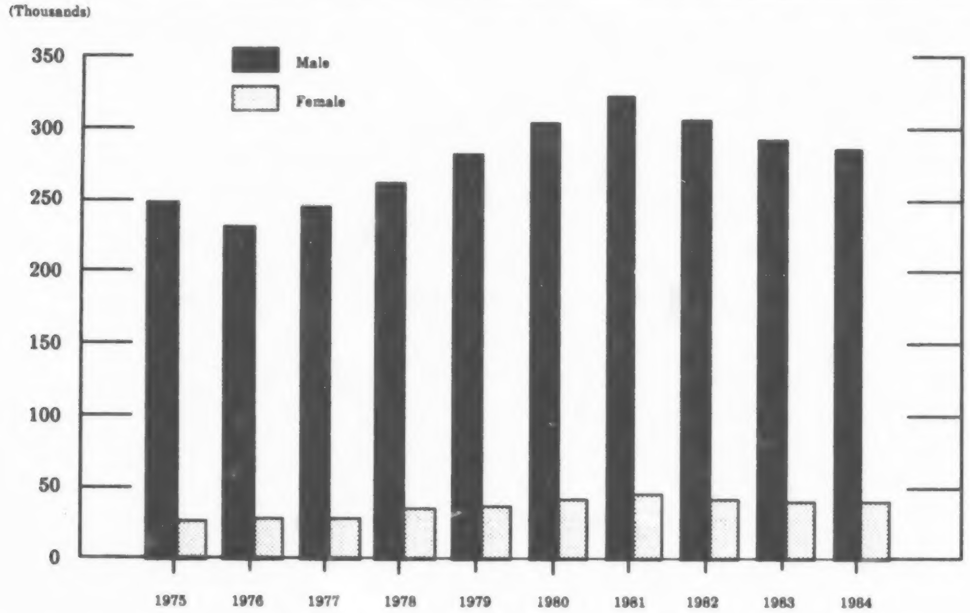
Refer to Table 32.6

Chart 32.4 Motor Vehicles Stolen and Recovered, Ontario, 1971 to 1982



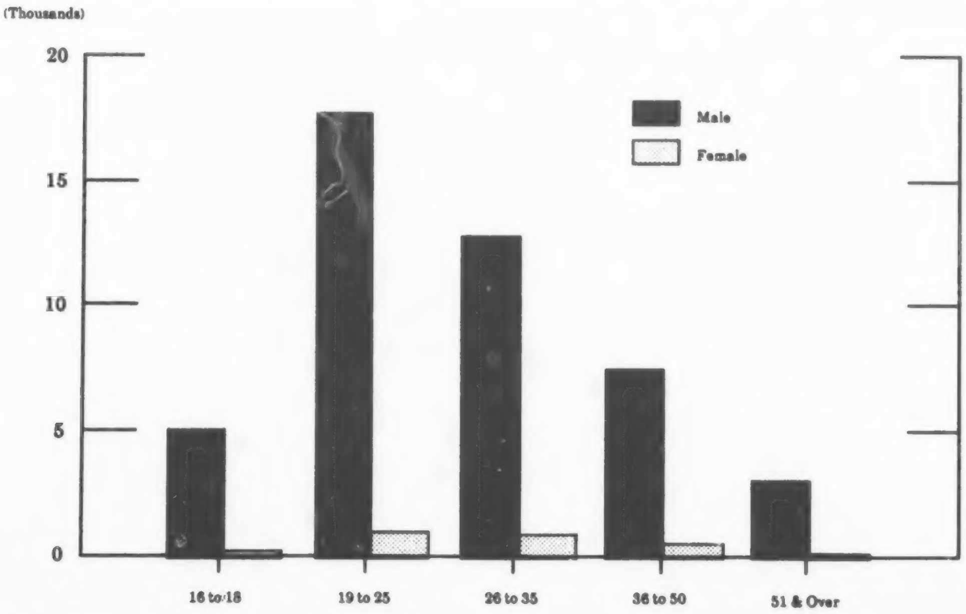
Refer to Table 32.8

Chart 32.5 Adults Charged, Ontario, 1975 to 1984



Refer to Table 32.10

Chart 32.6 Adults Sentenced to Imprisonment, by Sex and Age, Ontario, 1984/85



Refer to Table 32.12

Table 32.1 Expenditure on Justice and Protection, Ontario, 1970/71 to 1986/87

Year	Provincial				
	Solicitor General	Attorney General	Correctional Services	Consumer & Commercial Relations	Total
			$ millions		
1986/87p	371	325	331	134	1,161
1985/86p	340	292	284	126	1,042
1984/85r	308	283	245	115	951
1983/84r	291	262	226	123	902
1982/83r	281	238	206	124	849
1981/82r	248	208	174	101	731
1980/81	211	184	156	91	642
1979/80	187	158	137	88	570
1978/79	167	141	130	83	521
1977/78	153	129	118	63	463
1976/77	144	116	107	61	428
1975/76	128	101	121	43	393
1974/75	106	85	101	35	327
1973/74	90	68	86	29	273
1972/73	83	60	73	25	241
1971/72	71	56	67	22	216
1970/71	66	50	57	20	193

Table 32.1 (cont'd.)

Year	Local						Total
	Revenue Fund				Capital Fund	Total	
	Fire	Police	Other	Total			
				$ millions			
1986/87p	. .	. . .	. . .	. . .	. . .	. . .	
1985/86p	. .	. . .	. . .	. . .	. . .	. . .	
1984/85r	437	771	158	1,366	58	1,424	2,375
1983/84r	411	715	151	1,277	65	1,342	2,244
1982/83r	382	665	149	1,196	62	1,258	2,107
1981/82r	339	580	136	1,055	51	1,106	1,837
1980/81	293	502	122	917	45	962	1,604
1979/80	260	445	108	813	39	852	1,422
1978/79	236	408	68	712	46	758	1,279
1977/78	218	373	62	653	39	692	1,155
1976/77	195	328	80	603	39	642	1,070
1975/76	177	284	83	544	31	575	968
1974/75	145	228	61	434	32	466	793
1973/74	124	189	53	366	23	389	662
1972/73	112	164	48	324	23	347	588
1971/72	99	144	42	285	18	303	519
1970/71	88	123	37	248	12	260	453

Sources: Ontario Budget.
Ministry of Municipal Affairs, *Local Government Finance*

Notes:
1. Data are for year ending March 31.
2. Expenditure of Provincial Secretariat for Justice is included in Ministry of Attorney General for the years 1978 to 1985. Its expenditure was about $1 million annually.
3. Local Revenue Fund includes contributions to Capital Fund which cannot be identified separately; therefore, there is some double counting in the total.
4. Other under Local Revenue Fund includes conservation authorities, protective inspection and control.
5. Expenditures of Office Responsible for Women's Issues and Office Responsible for Native Affairs are included in Ministry of the Attorney General for the years 1984/85 to 1986/87. Expenditures are $5, $10 and $10 million and $1, $1 and $2 million annually.
6. Expenditures of the Ministry of Consumer and Commercial Relations include the Ministry of Financial Institutions for the years 1984/85 to 1986/87. Its expenditures were $18, $25 and $27 million annually.

Table 32.2 Police Personnel, Ontario, 1978 to 1983

	Police							
Year	Male	Female	Total	Rate Per 1,000 Population	Cadets	Other	Total	Rate Per 1,000 Population
		number				number		
1983	19,306	545	19,851	2.3	223	6,611	26,685	3.0
1982	19,821	518	20,339	2.3	254	6,598	27,191	3.1
1981	19,534	461	19,995	2.3	272	6,249	26,516	3.1
1980	19,444	435	19,879	2.3	261	5,832	25,972	3.0
1979	19,411	378	19,789	2.3	274	5,054	25,117	3.0
1978	19,324	351	19,675	2.3	374	5,148	25,197	3.0

Sources: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205).
Canadian Centre for Justice Statistics.

Notes: 1. Police includes four types of forces: federal, provincial, municipal and certain specialized departments, e.g. CNR, CPR, and National Harbours Board.
2. Other includes clerks, technicians, artisans, commissionaires, guards and special constables, etc.
3. Rate based on Statistics Canada revised population estimates.

Table 32.3 Actual Offences and Clearances, Ontario, 1972 to 1984

			Offences Cleared			
Year	Actual Offences	Rate Per 100,000 Population	By Charge	Otherwise	Total	% of Offences
	#			number		
Criminal Code						
1984	742,747	8,302.0	182,896	109,727	292,623	39.4
1983	745,997	8,462.0	182,008	108,560	290,568	39.0
1982	764,461	8,771.0	180,775	107,669	288,444	37.7
1981	772,068	8,951.4	184,469	108,596	293,065	38.0
1980	755,713	8,818.4	179,398	106,214	285,612	37.8
1979	698,436	8,215.6	166,670	100,930	267,600	38.3
1978	660,660	7,828.1	164,388	96,777	261,165	39.5
1977	614,668	7,358.6	149,111	92,338	241,449	39.3
1976	613,002	7,417.3	147,412	97,004	244,416	39.9
1975	589,624	7,215.0	137,855	89,633	227,488	38.6
1974	539,849	6,702.8	124,852	84,849	209,701	38.9
1973	479,888	6,067.8	118,877	77,525	196,402	40.9
1972	459,536	5,884.0	106,848	70,495	177,343	38.6
Federal Statutes						
1984	29,244	327.0	20,322	7,521	27,843	95.2
1983	29,522	335.0	20,214	6,606	26,820	90.8
1982	35,261	404.6	24,915	6,434	31,349	88.9
1981	40,890	474.1	30,972	7,025	37,997	92.9
1980	41,787	487.6	31,048	7,464	38,512	92.2
1979	45,013	529.5	33,581	8,103	41,684	92.6
1978	43,637	517.1	33,896	5,585	39,481	90.5
1977	42,292	506.3	33,756	5,146	38,902	92.0
1976	39,057	472.6	30,612	4,639	35,251	90.3
1975	37,261	455.9	29,684	4,563	34,247	91.9
1974	37,857	470.0	31,300	4,371	35,671	94.3
1973	38,846	491.2	32,431	2,844	35,275	90.8
1972	28,921	370.3	23,858	2,977	26,835	92.8

Table 32.3 (cont'd.)

Year	Actual Offences	Rate Per 100,000 Population	Offences Cleared			
			By Charge	Other-wise	Total	% of Offences
	#		number			
Provincial Statutes						
1984	173,479	1,939.0	153,384	16,853	170,237	98.1
1983	178,374	2,023.0	157,401	17,983	175,384	98.3
1982	188,927	2,167.6	166,899	18,594	185,493	98.2
1981	201,062	2,331.1	180,864	17,002	197,866	98.4
1980	178,244	2,079.9	158,947	16,406	175,353	98.4
1979	166,853	1,962.7	147,831	16,072	163,903	98.2
1978	147,080	1,742.7	125,246	18,234	143,480	97.6
1977	135,785	1,625.6	113,297	18,887	132,184	97.3
1976	128,794	1,558.4	104,496	18,895	123,391	95.8
1975	157,896	1,932.1	133,981	19,348	153,329	97.1
1974	159,730	1,983.2	136,189	16,992	153,181	95.9
1973	148,661	1,879.7	128,575	16,540	145,115	97.6
1972	128,282	1,642.6	115,118	9,478	124,596	97.1
Municipal By-Laws						
1984	31,127	348.0	9,907	18,679	28,586	91.8
1983	26,223	297.0	8,766	14,188	22,954	87.5
1982	24,448	280.5	9,179	12,555	21,734	88.9
1981	21,838	253.2	8,597	10,350	18,947	86.8
1980	20,409	238.2	7,956	9,821	17,777	87.1
1979	18,498	217.6	8,193	7,242	15,435	83.4
1978	15,130	179.3	7,328	5,148	12,476	82.5
1977	17,539	210.0	6,382	5,865	12,247	69.8
1976	22,608	273.6	6,987	8,908	15,895	70.3
1975	20,973	256.6	6,373	7,937	14,310	68.2
1974	20,699	257.0	5,809	6,011	11,820	57.1
1973	22,647	286.4	6,281	11,108	17,389	76.8
1972	17,270	221.1	5,873	6,733	12,606	73.0
Total						
1984	976,597	10,915.0	366,509	152,780	519,289	53.2
1983	980,116	11,118.0	368,389	147,337	515,726	52.6
1982	1,013,097	11,623.7	381,768	145,252	527,020	52.0
1981	1,035,858	12,009.8	404,902	142,973	547,875	52.9
1980	996,153	11,624.1	377,349	139,905	517,254	51.9
1979	928,800	10,925.4	356,275	132,347	488,622	52.6
1978	866,507	10,267.2	330,858	125,744	456,602	52.7
1977	810,284	9,700.4	302,546	122,236	424,782	52.4
1976	803,461	9,721.8	289,507	129,446	418,953	52.1
1975	805,694	9,859.0	307,293	121,481	428,774	53.2
1974	758,135	9,413.0	300,150	112,223	412,373	54.4
1973	690,042	8,725.0	286,164	108,017	394,181	57.1
1972	634,009	8,118.0	251,697	89,683	341,380	53.8

Sources: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205).
Canadian Crime Statistics, (85-205).

Notes: 1. Actual Offences are those reported or known to police which investigation proved to be founded. The same individual is counted on each occasion when he/she is dealt with by the police. Traffic and related offences are excluded from this table. Federal Statutes include drug offences.
2. See Table 32.2, note 3.
3. An offence is cleared by charge when an information has been laid against at least one person. Some examples of offences cleared otherwise are: when the offender has been committed to a mental hospital and is not likely to be released; when a person confesses to the offence and subsequently dies; diplomatic immunity; when the offender is known and sufficient evidence has been obtained but the complainant refuses to prosecute.

Table 32.4 Actual Offences by Uniform Crime Reporting Classification, Ontario, 1983 and 1984

Year	Actual Offences	Rate Per 100,000 Population	% of Canada
	#		
1984			
Criminal Code			
Homicide	190	2.0	28.4
Attempted Murder	238	3.0	25.8
Assault	55,574	621.0	37.1
Other Sexual Offences	753	8.0	20.1
Abduction	316	4.0	38.3
Other Violent Crime Offences	. . .	. . .	. . .
Robbery	5,714	64.0	24.5
Break & Enter	105,576	1,180.0	29.6
Theft: Motor Vehicle	21,949	245.0	28.6
Theft: Over $200	100,279	1,121.0	32.9
Theft: $200 & Under	191,739	2,143.0	36.6
Have Stolen Goods	12,361	138.0	50.8
Frauds	45,087	504.0	36.7
Prostitution	787	9.0	76.9
Gaming & Betting	1,256	14.0	73.8
Offensive Weapons	7,239	81.0	45.2
Arson	2,040	23.0	26.3
Other	191,649	2,142.0	35.9
Total	742,747	8,302.0	34.6
Federal Statutes			
Drugs	19,066	213.0	34.7
Other	10,178	114.0	27.6
Total	29,244	327.0	31.8
Provincial Statutes	173,479	1,939.0	45.8
Municipal By-Laws	31,127	348.0	32.5
Total	976,597	10,915.0	36.0
1983			
Criminal Code			
Homicide	202	2.0	29.6
Attempted Murder	233	3.0	26.5
Assault	53,026	601.0	37.5
Other Sexual Offences	731	8.0	24.9
Abduction	269	3.0	38.4
Other Violent Crime Offences	803	9.0	51.1
Robbery	5,824	66.0	24.0
Break & Enter	108,971	1,236.0	30.1
Theft: Motor Vehicle	22,169	251.0	29.2
Theft: Over $200	98,498	1,117.0	33.6
Theft: $200 & Under	200,372	2,273.0	36.5
Have Stolen Goods	12,269	139.0	49.5
Frauds	43,851	497.0	37.0
Prostitution	609	7.0	65.1
Gaming & Betting	1,770	20.0	79.3
Offensive Weapons	7,046	80.0	42.9
Arson	1,981	22.0	24.9
Other	187,373	2,126.0	35.6
Total	745,997	8,462.0	34.7
Federal Statutes			
Drugs	17,857	203.0	32.6
Other	11,665	132.0	25.5
Total	29,522	335.0	29.3
Provincial Statutes	178,374	2,023.0	43.6
Municipal By-Laws	26,223	297.0	29.0
Total	980,116	11,118.0	35.7

Source: Statistics Canada, *Canadian Crime Statistics*, (85-205).

Notes: 1. Homicide includes first and second degree murder, manslaughter and infanticide. Traffic and related offences are not included.

2. See Table 32.2, note 3.

3. Other Violent Crime Offences includes Sexual and Assault data reported prior to proclamation of Bill C-127 in 1983.

Table 32.5 Actual Offences by Major Categories, Ontario, 1972 to 1984

	Criminal Code							
Year	Violent Crime	Property Crime	Other Crimes	Total	Rate Per 100,000 Population	Federal Statutes	Provincial Statutes	Municipal By-Laws
		number					number	
1984	62,785	476,991	202,971	742,747	8,302.0	29,244	173,479	31,127
1983	61,088	486,130	198,779	745,997	8,462.0	29,522	178,374	26,223
1982	52,046	501,151	206,264	764,461	8,771.0	35,261	188,927	24,448
1981	55,929	497,412	218,727	772,068	8,951.4	40,890	201,062	21,838
1980	55,436	483,391	216,886	755,713	8,818.4	41,787	178,244	20,409
1979	53,447	438,738	206,251	698,436	8,215.6	45,013	166,853	18,498
1978	52,448	414,824	193,388	660,660	7,828.1	43,637	147,080	15,130
1977	50,366	383,377	180,925	614,668	7,358.6	42,292	135,785	17,539
1976	51,136	387,225	174,641	613,002	7,417.3	39,057	128,794	22,608
1975	49,006	378,270	162,348	589,624	7,215.0	37,261	157,896	20,973
1974	47,069	340,208	152,572	539,849	6,702.8	37,857	159,730	20,699
1973	45,016	301,748	133,124	479,888	6,067.8	15,599	148,661	22,647
1972	43,530	305,708	110,298	459,536	5,884.0	17,191	128,282	17,270

Sources: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205)
Canadian Crime Statistics, (85-205)

Note: See Table 32.2, note 3.

Table 32.6 Actual Offences by Type, Ontario, Selected Years, 1962 to 1984

Year	Homicide	Attempted Murder	Rape	Other Sexual	Robbery	Breaking & Entering	Theft	Fraud	Drug
					number				
1984	190	238	. . .	. . .	5,714	105,576	313,967	45,087	19,066
1983	202	233	. . .	. . .	5,824	108,971	321,039	43,851	17,857
1982^{r}	184	201	614	4,039	5,646	108,940	336,431	42,127	23,500
1981	170	193	600	3,995	5,271	105,051	337,278	40,927	29,171
1980	159	198	555	3,876	5,321	105,238	326,084	38,433	29,551
1979	175	199	597	3,791	4,626	93,859	298,084	34,999	26,638
1978	181	201	538	3,615	4,690	92,188	276,260	35,017	23,658
1977	192	182	555	3,316	4,447	84,716	255,851	32,895	25,069
1976	182	147	474	3,100	4,323	83,976	259,857	34,037	23,362
1975	206	184	514	3,139	4,350	79,250	257,341	32,770	21,045
1974	159	121	481	3,204	3,840	70,573	232,517	28,508	22,858
1973	162	138	468	3,642	3,036	58,583	208,314	27,478	23,247
1972	141	111	414	3,403	3,042	61,369	209,380	27,549	11,730
1971	152	92	371	3,632	2,774	63,983	214,675	26,361	8,882
1970	115	58	267	3,596	2,644	60,271	188,253	27,684	6,672
1966	70	32	177	2,673	1,316	35,520	115,625	14,103	208
1962	76	21	146	2,232	1,070	26,987	87,725	11,347	264

Sources: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205)
Canadian Crime Statistics, (85-205).

Notes. Homicide figures prior to 1974 do not include infanticide. Drug occurrences include narcotics control, cannabis, controlled drugs, restricted drugs and food and drug.

Table 32.7 Traffic Enforcement by Offence, Ontario, 1982 and 1983

	Actual Offences	Rate Per 100,000 Population	% of Canada
	#		
1983[p]			
Traffic Enforcement			
Criminal Negligence	574	6.4	39.5
Fail to Stop or Remain	40,902	464.0	26.8
Dangerous Driving	28,776	326.4	47.2
Fail or Refuse to Provide Breath Sample	3,077	34.9	17.2
Driving While Impaired	42,214	478.8	28.4
Driving While Disqualified	13,482	152.9	50.0
1982			
Traffic Enforcement			
Criminal Negligence	628	7.0	39.9
Fail to Stop or Remain	46,686	535.6	27.3
Dangerous Driving	31,524	361.5	47.5
Fail or Refuse to Provide Breath Sample	3,060	35.1	17.4
Driving While Impaired	42,332	485.6	28.2
Driving While Disqualified	13,082	150.0	45.9

Sources: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205).
Canadian Centre for Justice Statistics.

Notes: 1. See Table 32.2, note 3.
2. Driving While Disqualified, under Section 238 (3) Criminal Code declared unconstitutional in February 1981.

Table 32.8 Motor Vehicles Stolen and Recovered, Ontario, 1970 to 1982

Year	Stolen	Rate Per 100,000 Vehicles Registered	Recovered	Recovered
	#		#	%
1982	25,181	497.6	20,744	82.4
1981[r]	27,306	539.9	22,927	84.0
1980	28,557	614.4	24,343	85.2
1979	28,702	610.0	25,164	87.7
1978	28,246	628.7	24,846	88.0
1977	26,928	618.7	24,121	89.6
1976	27,248	664.2	23,895	87.7
1975	28,016	686.8	24,363	87.0
1974	26,340	676.8	23,106	87.7
1973	24,473	683.0	22,028	90.0
1972	24,988	738.7	22,476	89.9
1971	25,461	850.4	23,678	93.0
1970	23,450	769.4	21,932	93.5

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205).

Note: Rates for current years are determined by using motor vehicle registrations of the previous year.

Table 32.9 Motor Vehicle Accidents, Ontario, Selected Years, 1951 to 1983

	Accidents					
Year	Fatal	Personal Injury	Property Damage Only	Total	Persons Killed	Persons Injured
				number		
1983	1,042	62,735	118,222	181,999	1,204	91,706
1982	997	62,956	123,990	187,943	1,138	92,815
1981	1,234	67,292	129,846	198,372	1,445	100,321
1980	1,296	67,391	127,814	196,501	1,508	101,367
1979	1,316	67,201	128,679	197,196	1,560	101,321
1978	1,263	62,664	122,436	186,363	1,450	94,979
1977	1,213	63,787	153,567	218,567	1,420	95,664
1976	1,265	58,028	152,572	211,865	1,511	83,736
1975	1,520	65,811	146,358	213,689	1,800	97,034
1974	1,470	66,352	136,449	204,271	1,748	98,673
1973	1,625	65,335	126,061	193,021	1,959	97,790
1972	1,620	63,541	124,333	189,494	1,934	95,181
1971	1,498	56,117	101,216	158,831	1,769	84,650
1966	1,347	44,246	94,188	139,781	1,596	65,210
1961	1,098	25,643	58,836	85,577	1,268	37,146
1956	1,008	19,358	51,033	71,399	1,180	28,626
1951	824	15,653	38,443	54,920	949	22,557

Source: Ministry of Transportation and Communications, Public Safety Information Branch.

Notes: 1. On January 1, 1978, the reporting criterion for Property Damage Only Accidents was raised from $200 to $400.
2. In 1976, speed limits on Ontario roads were reduced and mandatory seatbelt legislation was enacted.

Table 32.10 Juveniles and Adults Charged by Offence Group, Ontario, 1973 to 1984

Year	Criminal Code	Federal Statutes	Provincial Statutes	Municipal By-Laws	Total
			number		
Juveniles					
1984	14,368	459	1,066	69	15,962
1983	15,462	374	993	30	16,859
1982	15,854	620	1,374	49	17,897
1981	17,665	984	1,681	66	20,396
1980	18,283	1,136	1,743	38	21,200
1979	17,061	1,059	1,832	52	20,004
1978	17,518	1,187	2,081	59	20,845
1977	16,718	1,153	2,063	52	19,986
1976	18,318	999	1,868	72	21,257
1975	18,590	978	2,205	70	21,843
1974	18,190	1,072	2,578	68	21,908
1973	15,775	738	2,272	74	18,859

Table 32.10 (cont'd.)

Year	Criminal Code	Federal Statutes	Provincial Statutes	Municipal By-Laws	Total
			number		
Adults					
1984					
Male	125,001	15,856	139,407	7,217	287,481
Female	25,013	2,272	13,826	1,107	42,218
Total	150,014	18,128	153,233	8,324	329,699
1983					
Male	126,494	16,355	143,685	6,951	293,485
Female	25,848	2,738	13,374	1,487	43,447
Total	152,342	19,093	157,059	8,438	336,932
1982					
Male	126,733	19,576	153,781	7,562	307,652
Female	25,337	2,989	14,126	1,374	43,826
Total	152,070	22,565	167,907	8,936	351,478
1981					
Male	129,170	25,530	165,406	6,890	326,996
Female	26,295	3,393	14,674	1,578	45,940
Total	155,465	28,923	180,080	8,468	372,936
1980					
Male	129,119	25,757	144,091	5,752	304,719
Female	25,025	3,377	14,130	1,449	43,981
Total	154,144	29,134	158,221	7,201	348,700
1979					
Male	120,194	27,174	132,527	5,444	285,339
Female	23,163	3,265	10,659	1,499	38,586
Total	143,357	30,439	143,186	6,943	323,925
1978					
Male	119,435	27,592	112,918	5,340	265,285
Female	22,996	3,133	8,580	1,510	36,219
Total	142,431	30,725	121,498	6,850	301,504
1977					
Male	111,375	28,825	100,916	4,899	246,015
Female	20,424	3,192	7,500	1,296	32,412
Total	131,799	32,017	108,416	6,195	278,427
1976					
Male	108,484	26,341	95,070	5,023	234,918
Female	20,784	3,225	6,675	1,591	32,275
Total	129,268	29,566	101,745	6,614	267,193
1975					
Male	98,458	23,546	123,948	4,865	250,811
Female	18,130	2,674	9,072	1,169	31,045
Total	116,588	26,214	133,020	6,034	281,856
1974					
Male	87,755	25,496	127,295	4,414	244,960
Female	15,546	2,788	8,851	959	28,144
Total	103,301	28,284	136,146	5,373	273,104
1973					
Male	84,594	25,699	114,619	4,690	229,602
Female	14,654	3,068	7,930	971	26,623
Total	99,248	28,767	122,549	5,661	256,225

Sources: Statistics Canada, *Crime and Traffic Enforcement Statistics, (85-205).*
Canadian Centre for Justice Statistics.

Notes: 1. Traffic and related offences are not included.
2. Federal Statutes includes drug offences under the Narcotic Control Act and Food and Drug Act.
3. A Juvenile in Ontario is an individual who has not yet reached his or her sixteenth birthday.

Table 32.11 Persons Charged with Traffic Offences, Ontario, 1972 to 1983

Year	Criminal Negligence	Fail to Stop or Remain	Dangerous Driving	Fail or Refuse to Give Breath Sample	Driving While Impaired	Driving While Disqualified	Total
				number			
1983^p							
Male	441	6,783	24,313	2,473	38,299	12,768	85,077
Female	15	980	3,827	211	2,899	566	8,498
1982							
Male	515	7,887	26,913	2,551	38,893	12,324	89,083
Female	18	1,081	3,752	219	2,720	587	8,377
1981							
Male	581	8,433	30,167	2,485	41,335	12,867	95,868
Female	16	1,095	4,102	201	2,691	747	8,852
1980							
Male	557	8,834	31,070	2,393	40,624	12,405	95,883
Female	12	1,150	4,192	179	2,574	368	8,475
1979							
Male	558	8,776	33,567	2,522	38,847	13,563	97,833
Female	19	1,049	4,274	163	2,158	327	7,990
1978							
Male	307	8,646	21,684	2,660	40,020	9,205	82,522
Female	6	1,010	2,715	181	2,104	199	6,215
1977							
Male	382	8,534	22,227	2,639	39,682	13,215	86,679
Female	31	897	2,623	101	1,993	282	5,927
1976							
Male	406	7,696	33,910	2,738	38,332	14,198	97,280
Female	10	794	3,636	99	1,720	227	6,486
1975							
Male	387	7,355	35,461	2,761	39,257	11,171	96,392
Female	7	711	3,677	90	1,674	158	6,317
1974							
Male	357	7,602	38,483	3,294	40,021	6,634	96,391
Female	2	691	3,764	115	1,554	120	6,246
1973							
Male	390	8,022	35,007	3,106	36,693	5,447	88,665
Female	3	595	3,387	117	1,320	84	5,506
1972							
Male	274	6,687	31,831	2,826	32,622	3,265	77,505
Female	2	480	2,813	111	1,035	44	4,485

Sources: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205).
Canadian Centre for Justice Statistics.

Notes:
1. Fail to Stop or Remain, Dangerous Driving and Driving While Disqualified include persons charged with offences under criminal code and provincial statutes.
2. Persons charged include both adults and juveniles.
3. The same person is counted on each occasion that he has been charged with having committed an offence.

Table 32.12 Persons Admitted to Jails and Detention Centres and Persons Sentenced to Imprisonment by Sex and Age, Ontario, 1978/79 to 1984/85

Year	16 – 18	19 – 25	26 – 35	36 – 50	51 & Over	Unknown	Total
				number			
Admitted							
1984/85							
Male	8,397	23,720	17,256	9,827	3,667	2	62,869
Female	729	1,759	1,423	766	229	10	4,916
Total	9,126	25,479	18,679	10,593	3,896	12	67,785
1983/84							
Male	9,375	24,211	16,165	9,475	3,668	5	62,899
Female	804	1,836	1,468	875	254	2	5,239
Total	10,179	26,047	17,633	10,350	3,922	7	68,138
1982/83							
Male	7,253	18,432	12,012	6,776	2,414	14	46,901
Female	687	1,569	1,122	649	167	2	4,196
Total	7,940	20,001	13,134	7,425	2,581	16	51,097
1981/82							
Male	7,629	17,211	10,541	6,353	2,323	21	44,078
Female	793	1,462	1,051	569	158	10	4,043
Total	8,422	18,673	11,592	6,922	2,481	31	48,121
1980/81							
Male	7,509	17,103	10,119	6,035	2,323	41	43,130
Female	726	1,463	951	497	145	14	3,796
Total	8,235	18,566	11,070	6,532	2,468	55	46,926
1979/80							
Male	7,327	16,572	9,452	6,051	2,278	111	41,791
Female	698	1,331	893	483	144	35	3,584
Total	8,025	17,903	10,345	6,534	2,422	146	45,375
1978/79							
Male	7,316	15,953	9,407	6,022	2,248	156	41,102
Female	724	1,254	710	480	118	44	3,330
Total	8,040	17,207	10,117	6,502	2,366	200	44,432

Table 32.12 (cont'd.)

Year	16 – 18	19 – 25	26 – 35	36 – 50	51 & Over	Unknown	Total
				number			
Sentenced to Imprisonment							
1984/85							
Male	5,120	17,799	12,928	7,594	3,089	0	46,530
Female	341	1,108	980	566	157	0	3,152
Total	5,461	18,907	13,908	8,160	3,246	0	49,682
1983/84							
Male	6,051	18,207	12,092	7,397	3,080	2	46,829
Female	441	1,189	964	643	182	0	3,419
Total	6,492	19,396	13,056	8,040	3,262	2	50,248
1982/83							
Male	5,509	15,353	9,690	5,556	2,047	6	38,161
Female	400	1,004	729	456	124	1	2,714
Total	5,909	16,357	10,419	6,012	2,171	7	40,875
1981/82							
Male	5,355	13,317	7,999	4,951	1,907	11	33,540
Female	420	870	665	383	109	3	2,450
Total	5,775	14,187	8,664	5,334	2,016	14	35,990
1980/81							
Male	5,042	13,251	7,577	4,717	1,916	14	32,517
Female	366	845	598	329	110	8	2,256
Total	5,408	14,096	8,175	5,046	2,026	22	34,773
1979/80							
Male	4,989	12,912	7,284	4,790	1,885	77	31,937
Female	306	770	589	250	95	11	2,021
Total	5,295	13,682	7,873	5,040	1,980	88	33,958
1978/79							
Male	4,889	12,406	7,088	4,753	1,862	112	31,110
Female	365	735	477	338	87	24	2,026
Total	5,254	13,141	7,565	5,091	1,949	136	33,136

Source: Ministry of Correctional Services, Planning and Policy Branch.

Notes:
1. Any person admitted more than once during the year is counted only once.
2. Age is taken as of the first admission of the year.
3. Some of those sentenced during a specified year may have been admitted prior to said year.
4. Data are for year ending March 31.

Table 32.13 Offences Leading to Incarceration and Average Length of Sentence Imposed, Ontario, 1983/84 and 1984/85

	Offences		Sentence Imposed	
	Male	Female	Male	Female
	number		days	
1984/85				
Homicide & Related	492	42	3,540.2	2,344.2
Serious Violent	2,902	134	821.6	383.0
Violent Sexual	1,640	18	392.7	284.0
Break & Enter & Related	15,058	285	267.7	147.1
Sexual (non-violent)	654	73	170.0	56.8
Traffic/Import Drugs	2,965	394	300.1	298.4
Weapons Offences	3,366	237	171.1	98.1
Fraud & Related	10,963	2,241	201.2	146.5
Misc. against Person	687	35	115.9	52.4
Theft/Possession	21,789	2,248	100.6	47.8
Assault & Related	8,991	508	91.8	78.9
Arson & Property Damage	3,974	229	71.0	117.6
Misc. against Morals	208	112	131.7	24.2
Obstruct Justice	2,718	248	68.0	54.9
Possession Drugs	3,259	150	67.9	103.2
Traffic Criminal Code	1,934	33	86.1	97.6
Breach Court Order/Esc.	18,598	1,665	38.9	20.0
Drinking Driving	14,016	475	35.0	26.0
Misc. against Public Order	3,519	312	18.5	13.3
Other Federal Statutes	3,627	674	68.4	49.3
Parole Violator	1,956	69	155.0	119.2
Highway Traffic Act	8,634	320	20.9	15.5
Liquor	18,079	1,508	10.8	11.7
Other Provincial Statutes	4,097	163	24.5	15.3
Municipal By-Laws	6,728	893	5.8	6.3
Unknown	2,538	151	79.1	71.9
Total	163,392	13,217	115.0	74.9

Table 32.13 (cont'd.)

	Offences		Sentence Imposed	
	Male	Female	Male	Female
	number		days	
1983/84				
Homicide & Related	526	61	4,282.1	4,575.8
Serious Violent	3,240	171	789.6	329.8
Violent Sexual	1,050	10	501.9	0.0
Break & Enter & Related	16,042	259	261.6	149.8
Sexual (non-violent)	481	109	249.6	31.8
Traffic/Import Drugs	3,006	382	241.6	296.1
Weapons Offences	3,606	214	150.9	81.3
Fraud & Related	10,673	2,082	193.5	124.0
Misc. against Person	639	42	133.3	121.4
Theft/Possession	22,388	2,269	92.7	46.9
Assault & Related	8,273	527	79.0	74.9
Arson & Property Damage	3,781	191	69.2	145.3
Misc. against Morals	164	61	93.4	46.7
Obstruct Justice	2,622	231	52.9	39.1
Possession Drugs	3,295	217	58.5	94.7
Traffic Criminal Code	2,129	31	70.4	64.9
Breach Court Order/Esc.	18,206	1,766	35.4	22.9
Drinking Driving	12,829	463	31.5	25.4
Misc. against Public Order	3,366	354	21.4	15.2
Other Federal Statutes	3,921	890	51.1	39.1
Parole Violator	1,828	57	150.4	145.8
Highway Traffic Act	7,607	297	18.5	13.0
Liquor	17,541	1,504	9.9	10.9
Other Provincial Statutes	3,892	216	21.4	11.8
Municipal By-Laws	9,736	1,024	4.8	4.8
Unknown	2,210	219	110.9	23.0
Total	163,051	13,647	112.7	73.4

Source: Ministry of Correctional Services, Planning and Policy Branch.

Notes: 1. Offences denotes the counts of each offence type which received a sentence of incarceration.
2. See Table 32.12, note 4.

Table 32.14 Provincial Correctional Facilities, Ontario, 1977/78 to 1984/85

	Jails and Detention Centres			Correctional Centres			
Year	Operational Capacity	Average Population	Total Days Stay	Operational Capacity	Average Population	Total Days Stay	Average Per Diem Cost
	number						$
1984/85	3,944	3,750	1,368,698	2,785	2,463	898,944	78.17
1983/84	3,865	3,663	1,340,766	2,867	2,463	901,282	73.16
1982/83	3,695	3,643	1,329,843	2,813	2,540	927,244	66.69
1981/82	3,563	3,289	1,200,404	2,605	2,369	864,633	62.27
1980/81	3,397	3,012	1,099,253	2,600	2,249	813,719	60.43
1979/80	3,308	2,846	1,041,534	2,547	2,196	801,464	55.09
1978/79	3,143	2,835	1,034,802	2,783	2,431	887,469	50.97
1977/78	2,965	2,640	1,052,189	2,950	2,621	930,215	47.50

Sources: Provincial Secretariat for Justice, *Justice Statistics, Ontario.*
Ministry of Correctional Services, Planning and Policy Branch.

Notes: 1. Correctional Centres includes House of Concord.
2. See Table 32.12, note 4.

Table 32.15 Fire Incidents, Deaths and Loss, Ontario, 1975 to 1983

Year	Fires	Fire Loss	Average Loss Per Fire	Fire Deaths	Rate Per 100,000 Population
	#	$ millions	$	#	
1983	24,038	201.6	8,388	149	1.7
1982	24,450	225.5	9,224	179	2.1
1981	25,018	234.9	9,389	227	2.6
1980	26,554	211.1	7,950	269	3.1
1979	26,887	197.5	7,346	215	2.5
1978	25,190	283.2	11,243	246	2.9
1977	24,610	156.7	6,367	238	2.8
1976	23,109	143.1	6,192	265	3.2
1975	23,913	131.6	5,503	277	3.4

Sources: Ministry of the Solicitor General, *Annual Reports.*
Office of the Fire Marshall.

Note: See Table 32.2, note 3.

Table 32.16 Fire Crime Convictions by Charges, Ontario, 1975 to 1983

Year	Arson	Attempted Arson	Conspiracy to Commit Arson	Negligently Causing Fire	Attempt to Defraud	Other Fire Crimes	Total
				number			
1983	266	11	6	1	2	48	334
1982	254	6	5	2	2	58	327
1981	348	9	2	11	1	67	438
1980	328	10	3	8	1	48	397
1979	299	3	2	6	5	45	360
1978	282	6	–	4	–	50	342
1977	321	2	4	13	2	29	371
1976	323	3	4	6	3	39	378
1975	284	9	4	2	–	83	382

Source: Ministry of the Solicitor General, *Annual Reports.*

Chapter 33
Environment

Environment

All three levels of government in Ontario are involved in protection of the natural environment. The Provincial Government operates through the Ministry of the Environment which administers the Environmental Assessment Act, the Environmental Protection Act, the Ontario Water Resources Act and the Pesticide Act. Part of the Provincial responsibility for environmental protection is carried out through local governments, particularly with respect to water supply, sewage collection and treatment, and garbage collection and disposal. The federal government augments the Ontario Government's activities in environmental protection and air and water pollution control. Provincial and federal activities are co-ordinated to avoid overlap.

Statistics in this chapter provide information on environmental expenditures by the Provincial and local governments, as well as selected statistics relating to air, water and waste management. Additional data on environmental effects exist, but they tend to be location specific and/or collected on an ad hoc basis, and are therefore excluded.

The Ministry of the Environment provides direct services in waste management and directly operates sewage and water treatment plants, including an experimental plant for resource recovery. In conducting its business, the Ministry follows two strategies. One is directed towards the prevention of future pollution through, for example, the exercise of approval and licensing authority, publication of standards and guidelines, and environmental assessment procedures. The second responds to the problem of existing pollution by the enforcement of measures for its abatement.

The Ministry's inspection, monitoring, approval and pollution abatement activities are largely decentralized. Six regional and twenty-one district and five sub-offices represent the Ministry across the Province. One central and three regional laboratories provide testing and technical support services. In Ontario, the construction of all public and private water and sewage works, and the maintenance of waste disposal sites and waste management systems, need prior approval. As well, septic tank and waste haulers require licences, and a certificate of approval is necessary before constructing or installing any structure or equipment that will cause contamination of the environment.

The Ministry of the Environment also protects air quality through developing standards and guidelines for contaminants and monitoring pollution levels. Soil and vegetation near pollution sources are regularly tested. With respect to water pollution, the Ministry develops and implements guidelines relating to protection and management, as well as providing monitoring and testing functions. It co-ordinates, with the federal government, the Great Lakes Program to restore and maintain water quality in accordance with Provincial objectives, and those of the Canada-United States Agreement of 1978.

Responsibility for water and waste management is carried out through local governments, with financial assistance from the Province. Local governments' environment protection function includes sewage treatment, water supply, and garbage collection and disposal. In 1984, local governments provided 76% of the total capacity for sewage treatment and 84% of water supply capacity, with the remainder supplied by the Province. Existing sewage plants serve approximately 98% of the urban population, or 82% of the total population of the Province. Public water supply systems provide drinking water to 98% of Ontario's urban population. As well, municipalities operate waste disposal sites.

The federal government, through Environment Canada, has been involved in environmental protection since 1971. Federal activities include intergovernmental negotiations, analysis of movement of atmospheric pollutants, emission guidelines generally indicating minimum standards for use in provinces. As well, Ottawa provides weather services and predictions of future conditions in the atmosphere. Environment Canada is also concerned with toxic substances found in wastewater and conservation of inland waters. A National Water Quality Data Bank has been developed to provide interpretive reports of water quality conditions, based on samples from more than 2,500 locations throughout Canada. Information provided by Environment Canada is interprovincial and international in nature, or is location specific, and is not covered in this chapter.

Sources of Data

A major source of information for this chapter is the Corporate Policy and Planning Branch of the Ontario Ministry of the Environment. Data on expenditures are taken from the *Ontario Public Accounts*, and from *Local Government Finance in Ontario*, published by the Ministry of Municipal Affairs. Expenditure on environmental protection by the Province and local governments cannot be added together to show total spending unless double-counting of transfer payments is eliminated. Provincial transfers to local governments for environmental services are mainly conditional grants for capital projects which are shown as Ministry of the Environment expenditures under the capital transfers caption. The Ministry of the Environment also makes small amounts of conditional grants for current operating purposes. In 1984, this amounted to about $9 million.

Additional information at the Provincial level is available by specific topic area through various publications of the Ministry of the Environment. The *Ontario Government Publications Annual Catalogue*, produced by the Ministry of Government Services, provides listings of published reports. In addition, Environment Canada produces a large number of publications relating to weather, land, wildlife, environmental protection and parks. A listing can be obtained from the quarterly report *Notice of Publications*, compiled by the Enquiry Centre of Environment Canada. Both the Ministry of the Environment and Environment Canada publish annual reports documenting their respective activities during the year, including relevant statistics. Further information on environmental protection in Ontario can be obtained from the Corporate Policy and Planning Branch of the Ministry of the Environment, telephone Toronto, 965-0641.

Environment

Charts:

33.1 Expenditures by the Ontario Ministry of the Environment, 1977/78 to 1984/85
33.2 Capital Expenditures by the Public Sector for Water, Sewage and Drainage Facilities, Ontario, 1976 to 1985
33.3 Capital Costs of Air and Water Pollution Control Facilities, Ontario, 1978 to 1984
33.4 Major Annual Contaminant Loadings into Ontario Watercourses, 1978 to 1983

Tables:

33.1 Expenditures by the Ontario Ministry of the Environment, 1977/78 to 1984/85
33.2 Environmental Expenditures by Local Governments in Ontario, 1977 to 1984
33.3 Capital Expenditures by the Public Sector in Ontario for Water, Sewage and Drainage Facilities, 1976 to 1985
33.4 Estimated Capital Costs of Water Pollution Control Facilities by Industrial Sector, Ontario, 1971 to 1984
33.5 Estimated Capital Costs of Air Pollution Control Facilities by Industrial Sector, Ontario, 1978 to 1984
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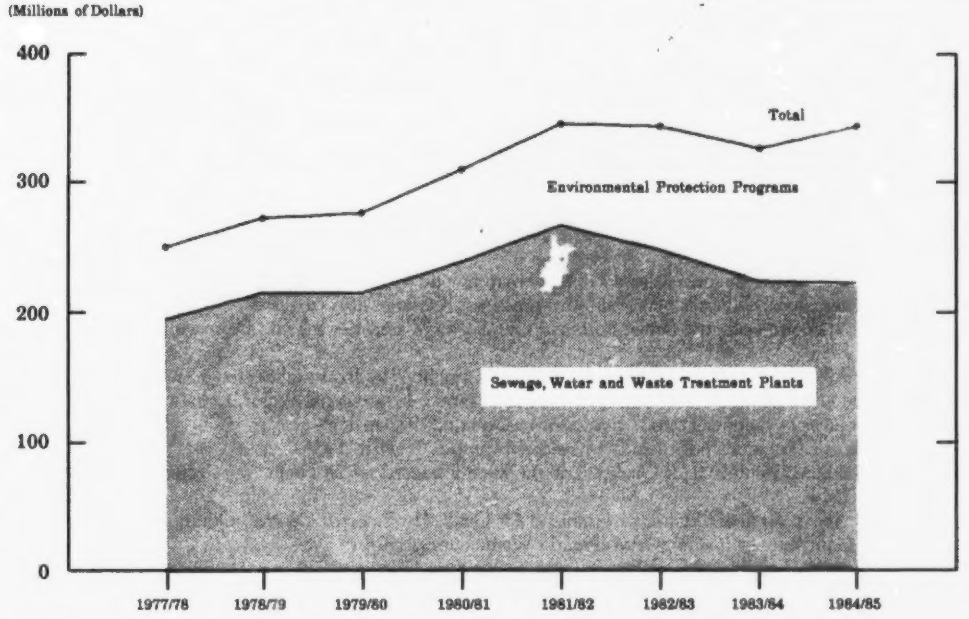
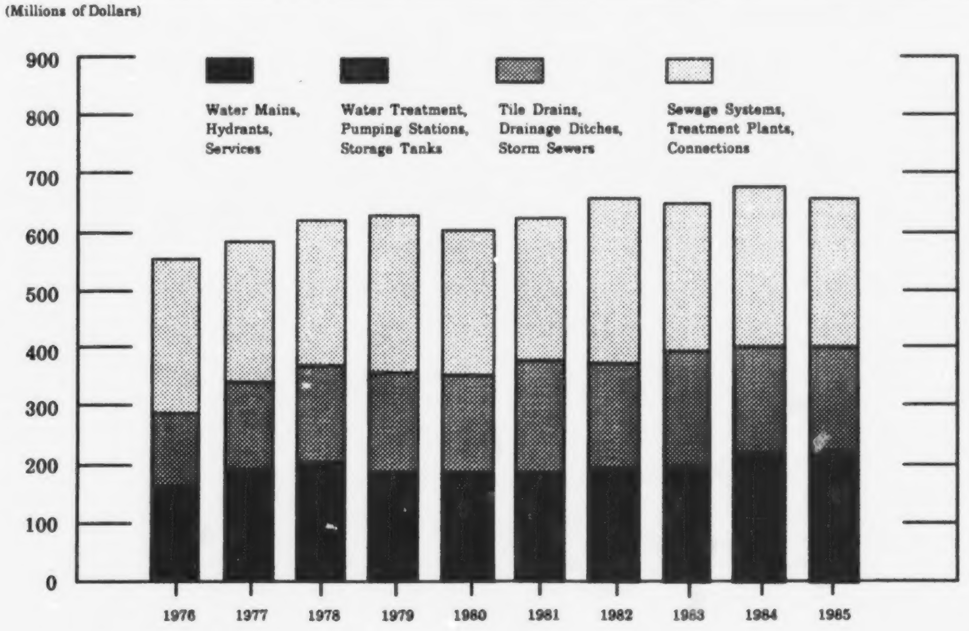
33.17 Waybill Documented Hauled Industrial Waste Liquids and Sludges by Type, Ontario, 1978 to 1984
33.18 Waybill Documented Hauled Industrial Waste Liquids and Sludges by Mode of Disposal, Ontario, 1984/85
33.19 Certified Disposal Sites and Collection Systems, Ontario, 1978 to 1985
33.20 Ministerial Orders and Program Approvals Issued to Municipalities, Companies and Individuals, Ontario, 1978 to 1985

Chart 33.1 **Expenditures by the Ontario Ministry of the Environment, 1977/78 to 1984/85**



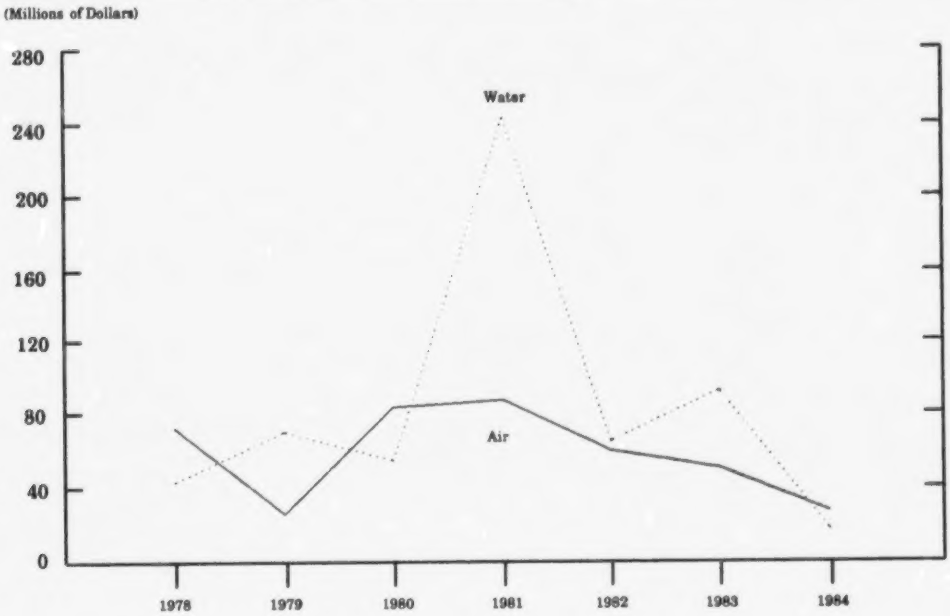
Refer to Table 33.1

Chart 33.2 **Capital Expenditures by the Public Sector for Water, Sewage and Drainage Facilities, Ontario, 1976 to 1985**



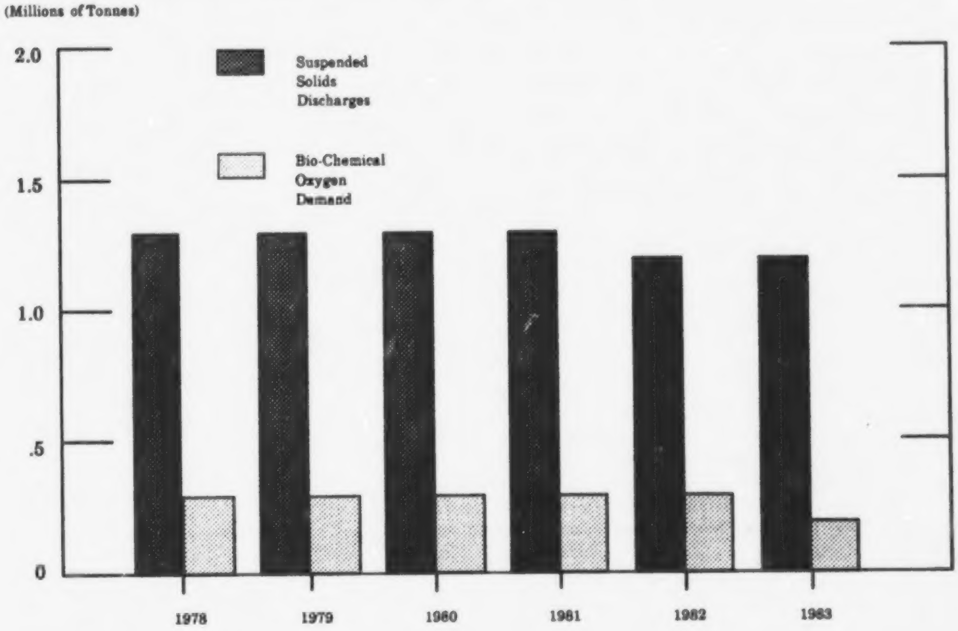
Refer to Table 33.3

Chart 33.3 Capital Costs of Air and Water Pollution Control Facilities, Ontario, 1978 to 1984



Refer to Tables 33.4 and 33.5

Chart 33.4 Major Annual Contaminant Loadings into Ontario Watercourses, 1978 to 1983



Refer to Table 33.10

Table 33.1 Expenditures by the Ontario Ministry of the Environment, 1977/78 to 1984/85

Year	Sewage, Water & Waste Treatment Plants: Direct Capital Expenditures	Capital Transfers	Operation of Own Plants	Total	Environmental Protection Programs	Total
			$ '000's			
1984/85	56,323	102,332	64,794	223,449	119,339	342,788
1983/84	68,345	92,159	63,967	224,471	101,135	325,606
1982/83	72,775	113,621	62,189	248,585	92,754	341,339
1981/82	101,456	115,764	49,087	266,307	79,166	345,473
1980/81	124,241	66,048	46,277	236,566	72,942	309,508
1979/80	139,481	36,051	39,006	214,538	63,228	277,766
1978/79	149,094	30,563	35,267	214,924	57,662	272,586
1977/78	137,876	25,669	32,421	195,966	55,143	251,109

Sources: Ministry of Treasury and Economics, *Ontario Public Accounts.*
Ministry of the Environment, Corporate Policy and Planning Branch.

Table 33.2 Environmental Expenditures by Local Governments in Ontario, 1977 to 1984

Year	Revenue Fund: Sewer	Water	Solid Waste	Other	Total
			$ millions		
1984	494.9	414.5	228.5	. . .	1,138.0
1983	464.0	390.2	211.6	. . .	1,065.8
1982	416.2	357.3	189.8	. . .	963.2
1981	374.9	321.1	171.1	. . .	867.2
1980	328.0	274.8	169.6	. . .	772.4
1979	297.7	252.9	142.9	. . .	693.5
1978	252.1	234.3	121.8	19.9	628.1
1977	240.4	212.1	109.3	1.8	563.6

Table 33.2 (cont'd.)

Year	Capital Fund: Sewer	Water	Solid Waste	Other	Total	Total
			$ millions			
1984	255.3	118.8	29.1	. . .	403.2	1,541.2
1983	237.8	112.4	56.9	. . .	407.1	1,472.9
1982[r]	230.0	123.0	13.0	. . .	366.0	1,329.2
1981[r]	238.0	115.0	11.0	. . .	364.0	1,231.2
1980	215.1	91.5	27.1	. . .	333.7	1,106.1
1979	235.0	102.9	15.6	. . .	353.5	1,047.0
1978	200.6	113.1	16.2	25.5	355.4	983.5
1977	175.4	113.6	12.5	9.0	310.5	874.1

Source: Ministry of Municipal Affairs, *Local Government Finance in Ontario*

Notes: 1. Other includes pollution control expenditure.
2. The total shown above is the sum of revenue plus capital fund expenditures, which contains double-counting. That is, some expenditures noted under Revenue Fund are transferred to Capital Fund.
3. As of 1981, Capital Fund, Sewer includes pollution control (shown under Solid Waste in previous years).

Table 33.3 Capital Expenditures by the Public Sector in Ontario for Water, Sewage and Drainage Facilities, 1976 to 1985

Year	Water Mains, Hydrants, Services	Water Treatment, Pumping Stations, Storage Tanks	Tile Drains, Drainage Ditches, Storm Sewers	Sewage Systems, Treatment Plants, Connections	Total
			$ '000's		
1985^p	174,590	55,630	179,557	261,118	670,895
1984^p	173,754	47,843	182,841	277,331	681,769
1983	140,790	64,620	191,626	259,723	656,759
1982^r	150,753	49,504	177,028	286,441	663,726
1981^r	154,700	34,037	192,750	247,930	629,417
1980	153,006	33,379	170,581	250,537	607,503
1979	155,914	37,229	173,316	273,526	639,985
1978	166,113	43,557	161,978	255,391	627,039
1977	140,670	53,687	151,065	245,480	590,902
1976	120,911	46,615	125,558	270,014	563,098

Sources: Statistics Canada, *Construction in Canada, (64-201).*
Local Government Finance, (68-204).

Table 33.4 Estimated Capital Costs of Water Pollution Control Facilities by Industrial Sector, Ontario, 1971 to 1984

Year	Mining	Food & Beverages	Paper & Allied Products	Primary Metals	Metal Fabricating
			$ '000's		
1984	2,958	2,192	1,792	33	–
1983	6,469	1,462	3,390	20,100	180
1982	28,677	820	19,805	2,975	350
1981	57,504	3,129	34,549	53,875	79
1980	3,708	1,226	25,229	14,700	112
1979	1,242	1,724	43,924	15,435	2,581
1978	10,941	122	3,578	5,420	75
1977	2,386	980	16,537	350	43
1976	253	646	4,529	5,182	937
1975	5,812	223	3,434	4,849	256
1974	2,144	20	5,952	5,750	55
1973	37,101	41	5,323	3,804	101
1972	3,071	1,808	13,372	2,230	88
1971	13,301	824	6,519	12,983	528

Table 33.4 (cont'd.)

Year	Petroleum & Coal Products	Chemicals & Chemical Products	Miscellaneous Manufacturing	Other Industry	Total
			$ '000's		
1984	124	1,309	105	8,911	17,424
1983	6,416	661	439	54,760	93,877
1982	10,103	323	1,378	605	65,037
1981	30,282	7,420	3,432	50,872	241,143
1980ʳ	5,014	3,354	391	1,742	55,476
1979	462	3,292	569	2,317	71,546
1978	60	17,090	2,936	2,058	42,279
1977	10,742	9,010	44	1,140	41,231
1976	24,577	1,665	18	6,802	44,609
1975ʳ	6,025	11,941	633	693	33,866
1974	5,373	2,013	285	960	22,552
1973	3,489	867	1,267	559	52,558
1972ʳ	4,671	3,861	2,662	431	32,194
1971	2,084	3,837	785	2,043	42,904

Source: Ministry of the Environment, Applications for Certificates of Approval.

Notes: 1. Provides cost estimates for pollution abatement provided by applicants for Certificates of Approval. Since some applicants do not provide estimates, the totals may be understated.

2. Miscellaneous includes tanning and rendering.

3. A significant discontinuity may exist between 1983 and 1984, due to the reclassification of 1984 data using the Standard Industrial Classification.

Table 33.5 Estimated Capital Costs of Air Pollution Control Facilities by Industrial Sector, Ontario, 1978 to 1984

Year	Mining	Food & Beverages	Paper & Allied Products	Primary Metals	Metal Fabricating
			$ '000's		
1984	113	4,173	2,595	7,049	2,430
1983	6,419	2,650	6,314	15	2,544
1982	3,086	2,881	11,456	4,884	1,097
1981	10,642	1,133	11,725	38,476	631
1980	5,742	2,309	6,628	43,227	1,139
1979	4,557	2,633	1,409	813	891
1978	31,776	12,086	7,046	4,803	1,243

Table 33.5 (cont'd.)

Year	Petroleum & Coal Products	Chemicals & Chemical Products	Miscellaneous Manufacturing	Other Industry	Total
			$ '000's		
1984	276	1,732	7,538	1,662	27,568
1983	10,141	3,400	6,415	13,304	51,202
1982	4,360	4,769	24,444	4,804	61,781
1981	2,078	6,013	15,389	1,689	87,780
1980	3,655	5,329	15,938	336	84,303
1979	6	2,138	13,441	. .	25,888
1978	3,582	5,254	6,578	771	73,139

Source: Ministry of the Environment, Applications for Certificates of Approval.

Notes: 1. See notes, Table 33.4.

2. In 1979, data for Other Industry are grouped under Miscellaneous Manufacturing.

3. In 1983, data for Mining exclude $755 million expenditures for construction at Eldarado Nuclear, Blind River.

Table 33.6 Major Sources of Sulphur Dioxide Emissions in Ontario, 1972 to 1984

Year	INCO Sudbury	Nanticoke G.S. Nanticoke	Lambton G.S. Sarnia	Algoma Wawa	Lakeview G.S. Mississauga	Falconbridge Sudbury	Shell Oil Sarnia
				'000's of tonnes/year			
1984	683.2	222.0	145.0	126.6	66.4	83.9	14.3
1983	459.1	197.0	171.0	81.8	56.6	78.9	12.3
1982^{r}	327.7	207.0	152.0	70.7	67.0	61.1	13.2
1981^{r}	722.5	181.0	154.0	132.3	63.2	113.6	14.9
1980^{r}	812.1	144.0	150.0	160.6	95.1	123.3	15.6
1979	407.7	155.1	160.3	145.5	91.3	88.1	14.2
1978	625.1	183.9	131.0	166.9	89.2	130.9	12.3
1977	1,137.0	145.5	126.3	170.9	105.3	219.2	12.9
1976	1,191.1	144.9	95.8	. .	90.8	191.3	14.0
1975	1,198.4	135.3	89.4	. .	78.9	195.3	12.2
1974	1,215.6	53.1	125.8	. .	102.5	257.5	16.2
1973	1,185.7	50.7	118.9	. .	97.7	274.2	16.2
1972	1,518.6	7.2	157.9	. .	148.2	323.1	25.0

Table 33.6 (cont'd.)

Year	Thunder Bay G.S. Thunder Bay	Algoma Sault Ste. Marie	Stelco Hamilton	Hearn G.S. Toronto	Imperial Oil Sarnia	Lennox G.S. Bath	Total
				'000's of tonnes/year			
1984	10.0	7.2	11.0	–	24.5	–	1,394
1983	9.4	7.3	6.6	0.5	23.9	–	1,105
1982^{r}	9.4	6.0	7.2	6.7	25.3	1.8	955
1981^{r}	8.7	9.4	9.7	5.5	27.3	1.1	1,443
1980^{r}	9.7	10.8	15.8	16.3	23.2	0.3	1,577
1979	10.0	11.6	15.3	10.2	24.2	10.0	1,144
1978	6.7	16.8	16.9	3.6	28.9	21.3	1,433
1977	9.6	15.8	17.3	8.5	24.6	18.7	2,011
1976	1.6	. .	17.2	2.4	25.9	32.0	1,807
1975	0.5	. .	14.4	0.4	16.4	6.2	1,747
1974	3.2	18.1	15.7	6.6	18.6	––	1,833
1973	6.4	. .	10.5	10.7	23.2	. .	1,794
1972	3.3	. .	13.6	14.6	32.7	. .	2,244

Source: Ministry of the Environment, Air Resources Branch.

Notes: 1. Sulphur dioxide (SO_2), the primary compound of sulphur that results from conbustion, contributes to the formation of sulphate particles and the acidification of rain.
2. Results for 1978 and 1979 reflect a nine month strike at Inco and production cutbacks at Falconbridge.
3. G.S. means generating station.

Table 33.7 Ontario's Air Pollution Index (API) by Selected Centres, 1971 to 1984

Year	Toronto	Hamilton	Sudbury	Windsor	Sarnia	Niagara Falls
1984						
# of Occasions						
32 or Greater	2	8	–	1	–	–
Maximum Reached	50	44	23	40	27	20
1983						
# of Occasions						
32 or Greater	3	1	1	1	–	–
Maximum Reached	39	37	39	33	28	17
1982^{r}						
# of Occasions						
32 or Greater	3	12	–	1	–	–
Maximum Reached	54	39	15	35	27	19
1981						
# of Occasions						
32 or Greater	3	8	–	1	1	–
Maximum Reached	43	38	21	42	34	25
1980^{r}						
# of Occasions						
32 or Greater	–	5	–	–	1	–
Maximum Reached	31	40	23	25	39	18
1979^{r}						
# of Occasions						
32 or Greater	2	23	–	–	2	–
Maximum Reached	35	55	18	31	43	27
1978						
# of Occasions						
32 or Greater	2	7	–	1	3	–
Maximum Reached	45	43	31	33	41	23
1977						
# of Occasions						
32 or Greater	4	10	–	1	–	–
Maximum Reached	36	44	24	33	15	28
1976						
# of Occasions						
32 or Greater	1	8	–	1	...	–
Maximum Reached	33	41	28	34	...	25
1975^{r}						
# of Occasions						
32 or Greater	2	10	–	–	...	–
Maximum Reached	62	38	30	28	...	21
1974^{r}						
# of Occasions						
32 or Greater	3	11	1	2	...	–
Maximum Reached	50	44	32	41	...	20
1973						
# of Occasions						
32 or Greater	3	2	–	7	...	...
Maximum Reached	43	34	26	44	...	...
1972^{r}						
# of Occasions						
32 or Greater	2	6	7	9	...	...
Maximum Reached	45	41	79	53	...	...
1971^{r}						
# of Occasions						
32 or Greater	19	23	26	2	...	...
Maximum Reached	52	48	87	33	...	...

Source: Ministry of the Environment, Air Resources Branch.

Notes: 1. The Air Pollution Index is a function of 24 hour average concentrations of sulphur dioxide and the coefficient of haze (a measure of suspended particulate matter).

2. API = 32 is the Advisory Level; API = 50 is the First Alert Level; API = 75 is the Second Alert Level; API = 100 is the Air Pollution Episode Threshold Level and can result in widespread cease operation orders to pollution sources.

Table 33.8 Times Measured Ambient Air Quality Criteria Were Exceeded for 24 Hours by Selected Centres, Ontario, 1980 to 1984

	Sulphur Dioxide	Nitrogen Dioxide	Carbon Monoxide	Soiling Index	Ozone	Suspended Particulate
			percent			
1984						
Toronto	–	–	. . .	1.7	. . .	9.0
Hamilton	–	–	. . .	15.0	. . .	18.4
Windsor	–	–	. . .	1.5	. . .	4.5
Ottawa	–	–	. . .	–	. . .	–
Sudbury	–	–	. . .	0.6	. . .	1.9
Thunder Bay	–	. . .	. . .	. . .	. . .	2.4
1983						
Toronto	–	–	. . .	2.7	. . .	8.8
Hamilton	–	–	. . .	6.5	. . .	14.8
Windsor	–	–	. . .	2.4	. . .	3.0
Ottawa	–	–	. . .	–	. . .	–
Sudbury	0.6	–	. . .	0.1	. . .	1.4
Thunder Bay	–	. . .	. . .	. . .	. . .	3.0
1982						
Toronto	–	–	. . .	2.8	. . .	11.7
Hamilton	–	–	. . .	8.9	. . .	20.4
Windsor	–	–	. . .	1.4	. . .	4.4
Ottawa	–	–	. . .	–	. . .	–
Sudbury	0.1	–	. . .	–	. . .	1.5
Thunder Bay	–	. . .	. . .	. . .	. . .	1.7
1981						
Toronto	–	–	. . .	4.6	. . .	14.2
Hamilton	–	–	. . .	14.1	. . .	13.8
Windsor	–	–	. . .	1.4	. . .	5.4
Ottawa	–	–	. . .	–	. . .	–
Sudbury	–	0.5	. . .	–	. . .	1.0
Thunder Bay	–	. . .	. . .	. . .	. . .	8.3
1980						
Toronto	–	–	. . .	2.1	. . .	18.1
Hamilton	–	–	. . .	14.0	. . .	26.1
Windsor	–	–	. . .	0.8	. . .	14.8
Ottawa	–	–	. . .	–	. . .	–
Sudbury	0.1	–	. . .	–	. . .	6.3
Thunder Bay	–	. . .	. . .	. . .	. . .	9.1

Source: Ministry of the Environment, Regional Air Quality Assessment Sections.

Notes:
1. Ambient Air Quality is a measure of concentration of contaminants.
2. See Table 33.6, note 1.
3. Nitrogen oxides are compounds of nitrogen almost exclusively represented by nitric oxide and Nitrogen Dioxide, which are generated by natural and technological sources.
4. Carbon Monoxide is a colourless, odourless and toxic gas arising primarily from incomplete combustion of carbonaceous fuels.
5. Soiling Index is a measure of particulate matter expressed as the coefficient of haze (COH). COH is the difference in transmittance of light through clean filter paper and paper which has had outside air drawn through it. Air pollutants reduce the transmittance of light through the filter.
6. Particulates, the most visible of all air pollutants, consist of particles dispersed in the air in either solid or liquid phase. Particulate air pollution may originate from many sources such as power generation, incineration, space heating, transportation, solid waste disposal, manufacturing and commerical operations. Paritculates above certain concentration levels may cause direct injury to respiratory systems. They also combine with gaseous pollutants to form mixtures of compounds having adverse effects on health.

Table 33.9 Stations Above Annual Criteria for Ambient Air Quality by Selected Centres, Ontario, 1980 to 1984

	Sulphur Dioxide	Nitrogen Dioxide	Carbon Monoxide	Soiling Index	Ozone	Suspended Particulate
				percent		
1984						
Toronto	–	. . .	. . .	–	. . .	60.0
Hamilton	–	. . .	. . .	50.0	. . .	69.2
Windsor	–	. . .	. . .	. . .	. . .	15.4
Ottawa	–	. . .	. . .	–	. . .	–
Sudbury	–	. . .	. . .	–	. . .	–
Thunder Bay	–	. . .	. . .	. . .	. . .	–
1983						
Toronto	–	. . .	. . .	33.3	. . .	50.0
Hamilton	–	. . .	. . .	50.0	. . .	61.5
Windsor	–	. . .	. . .	–	. . .	15.4
Ottawa	–	. . .	. . .	–	. . .	–
Sudbury	–	. . .	. . .	–	. . .	–
Thunder Bay	–	. . .	. . .	. . .	. . .	–
1982						
Toronto	–	. . .	. . .	33.3	. . .	70.0
Hamilton	–	. . .	. . .	100.0	. . .	69.2
Windsor	–	. . .	. . .	–	. . .	46.2
Ottawa	–	. . .	. . .	–	. . .	–
Sudbury	–	. . .	. . .	–	. . .	–
Thunder Bay	–	. . .	. . .	. . .	. . .	–
1981						
Toronto	–	. . .	. . .	33.3	. . .	66.7
Hamilton	–	. . .	. . .	100.0	. . .	76.9
Windsor	–	. . .	. . .	–	. . .	58.3
Ottawa	–	. . .	. . .	–	. . .	–
Sudbury	–	. . .	. . .	–	. . .	–
Thunder Bay	–	. . .	. . .	. . .	. . .	16.7
1980						
Toronto	–	. . .	. . .	50.0	. . .	100.0
Hamilton	–	. . .	. . .	100.0	. . .	90.0
Windsor	–	. . .	. . .	–	. . .	73.3
Ottawa	–	. . .	. . .	–	. . .	–
Sudbury	–	. . .	. . .	–	. . .	–
Thunder Bay	–	. . .	. . .	. . .	. . .	20.0

Source: Ministry of the Environment, Regional Air Quality Assessment Sections.

Note: See notes, Table 33.8.

Table 33.10 Annual Contaminant Loadings into Ontario Watercourses, 1978 to 1984

	Suspended Solids Discharges							
	Sewage Treatment							
Year	Primary	Secondary	Lagoons	Combined Sewer Overflows	Urban Runoff	Agricultural Runoff	Industrial Sources	Total
				'000's of tonnes				
1984	14.2	19.2	0.7	17.0	67.0	1,048.0	. .	. .
1983	13.6	16.7	0.7	17.0	67.0	1,048.0	55.0	1,218.0
1982	12.7	16.9	1.3	17.0	67.0	1,048.0	66.2	1,229.1
1981	12.2	18.9	1.3	17.0	67.0	1,048.0	76.1	1,276.6
1980	12.0	18.4	1.2	17.0	67.0	1,048.0	94.2	1,293.8
1979	13.1	22.5	1.5	17.0	67.0	1,048.0	130.2	1,335.3
1978	12.9	22.1	1.5	17.0	67.0	1,048.0	108.6	1,313.1

Table 33.10 (cont'd.)

Year	Bio-Chemical Oxygen Demand							
	Sewage Treatment			Combined Sewer Overflows	Urban Runoff	Agricultural Runoff	Industrial Sources	Total
	Primary	Secondary	Lagoons					
	'000's of tonnes							
1984	11.6	18.8	1.2	3.7	5.5	. .	. .	. .
1983	11.7	18.0	1.3	3.7	5.5	. .	156.6	196.8
1982	14.2	16.0	0.8	3.7	5.5	. .	220.4	260.6
1981	16.3	18.9	0.7	3.7	5.5	. .	267.5	312.6
1980	15.5	18.3	0.6	3.7	5.5	. .	269.2	312.8
1979	15.7	16.3	0.8	3.7	5.5	. .	289.6	331.5
1978	15.4	16.1	0.8	3.7	5.5	. .	285.6	327.1

Table 33.10 (cont'd.)

Year	Phosphorus							
	Sewage Treatment			Combined Sewer Overflows	Urban Runoff	Agricultural Runoff	Industrial Sources	Total
	Primary	Secondary	Lagoons					
	'000's of tonnes							
1984	0.6	1.3	0.1	0.1	0.1	3.0	. .	. .
1983	0.5	1.4	0.1	0.1	0.1	3.0	0.2	5.4
1982	0.5	1.3	0.1	0.1	0.1	3.0	. .	5.2
1981	0.7	1.5	0.1	0.1	0.1	3.0	. .	5.5
1980	0.6	1.4	0.1	0.1	0.1	3.0	. .	5.4
1979	0.4	1.3	0.1	0.1	0.1	3.0	. .	5.1
1978	0.4	1.3	0.1	0.1	0.1	3.0	. .	5.1

Source: Ministry of the Environment, Water Resources Branch.

Notes:
1. Sewage treatment plant data and industrial source data are from Ministry of Environment records. Other sources estimated from Land Use Activities Reference Group (PLUARG) studies. Agricultural Runoff for Bio-Chemical Oxygen Demand is not measured in PLUARG studies.
2. Primary is the first step in sewage treatment that involves the mechanical removal of floating and settleable solids.
3. Secondary processes involve the biological decomposition of organic materials by bubbling air or oxygen through the waste water to accelerate biological activity.
4. A lagoon is a water stabilization pond.
5. Combined sewer overflows occur during storms when the combined waste and runoff water exceed the capacity of the treatment plant. The overflow by-passes directly to the receiving water course without treatment.

Table 33.11 Water Quality Trends by Major Drainage Basins, Ontario, 1964 to 1979

	Total Stations	Stations With		
		Better Quality	No Change	Worse Quality
	number			
Ottawa River	1	1	–	–
St. Lawrence River	9	–	9	–
Lake Ontario	57	26	27	4
Bay of Quinte	9	7	2	–
Hamilton Harbour	3	1	2	–
Niagara River (Lower)	1	–	1	–
Lake Erie	31	16	14	1
Lake St. Clair	3	1	2	–
Lake Huron	20	6	12	2
Georgian Bay	31	6	25	–
North Channel	1	–	–	1
Lake Superior	2	1	1	–
Hudson Bay	1	–	1	–
Total	169	65	96	8

Source: Ministry of the Environment, *Surface Water Quality Trends in Ontario.*

Notes:
1. Measured over the time period 1964 to 1979 about 10-12 times a year. Water quality parameters analysed are total coliforms, phosphorus, nitrate, 5-day bio-chemical oxygen demand, dissolved oxygen, total solids, and turbidity.
2. A watershed or drainage basin is an area in which all water falling any place in it will conceivably flow to a single point; watershed boundaries are ecological and usually defined by heights of land.

Table 33.12 Sport Fish Testing Program Results, Ontario, 1977 to 1985

			Waterbodies Having Fish				
			Suitable for Consumption		Suitable with Some Restrictions		Unsuitable for Consumption
Year	Fish Tested	Water-bodies Tested					
	'000's	#	#	%	#	%	#
1985	85	1,356	1,271	93.7	85	6.3	–
1984	80	1,278	1,187	92.9	91	7.1	–
1983	75	1,185	1,089	91.9	96	8.1	–
1982	70	1,102	1,025	93.0	75	6.8	2
1981	62	1,036	962	92.8	72	7.0	2
1980	54	881	819	93.0	60	6.8	2
1979	43	625	588	94.1	35	5.6	2
1978	31	441	404	91.6	36	8.2	1
1977	. .	167	149	89.2	18	10.8	–

Sources: Ontario Government, *Health Implications of Contaminants in Fish, Toronto 1977.*
Guide to Eating Ontario Sport Fish, Annual.

Notes: 1. As part of a co-operative program of the Ministries of Environment, Natural Resources, and Labour, sport fish are collected and analysed for mercury, PCB, mirex, organochlorine pesticides including DDT and chlorinated 2,3,7,8,- TCDD. Detailed results for each waterbody tested are contained in the free bilingual *Guide to Ontario Sport Fish–1983.*
2. The few waterbodies where no fish were suitable for consumption are in Northern Ontario.
3. While 93.7% of waterbodies tested in 1985 had fish suitable for unrestricted consumption it does not necessarily follow that generally 93.7% of all Ontario waterbodies have fish suitable for unrestricted consumption.

Table 33.13 Water Supply Treatment Plants by Operator, Ontario, 1975 to 1984

	Treatment Plants			Plant Design Capacity		
Year	Provincial	Municipal	Total	Provincial	Municipal	Total
		number			'000's of cubic metres/day	
1984	99	372	471	1,544	8,141	9,685
1983	97	375	472	1,570	7,853	9,423
1982	97	394	491	1,498	8,271	9,769
1981	95	390	485	1,455	8,248	9,703
1980	93	338	431	1,446	8,026	9,472
1979	89	337	426	1,441	7,526	8,967
1978	87	340	427	1,417	7,465	8,882
1977	80	340	420	1,129	7,423	8,552
1976	74	336	410	1,098	7,366	8,464
1975	78	323	401	932	6,798	7,730

Sources: Ministry of the Environment, *Water and Sewage Treatment Works in Ontario, Annual.*
Municipal Water and Wastewater Treatment Works in Ontario.

Notes: 1. Provincial refers to plants operated by the Ministry of the Environment.
2. As of 1983, the total number of municipal facilities and capacity declined because of the exclusion of industrial water supplies.

Table 33.14 Water Supply Treatment Plants by Source, Ontario, 1975 to 1984

Year	Ground Water Sources				Surface Water Sources			
	Plants		Plant Design Capacity		Plants		Plant Design Capacity	
	No Treatment	Treated	No Treatment	Treated	No Treatment	Treated	No Treatment	Treated
	number		'000's of cubic metres/day		number		'000's of cubic metres/day	
1984	182	92	702	698	46	151	407	7,878
1983	185	93	679	683	47	147	452	7,610
1982	180	93	798	555	66	152	909	7,507
1981	197	73	798	510	71	144	879	7,516
1980	150	68	763	471	71	142	855	7,383
1979	149	67	761	470	71	139	855	6,882
1978	154	65	731	517	73	135	969	6,665
1977	153	67	688	520	74	126	1,000	6,344
1976	153	65	705	525	74	118	1,053	6,181
1975	158	49	658	455	75	119	818	5,799

Sources: Ministry of the Environment, *Water and Sewage Treatment Works in Ontario, Annual.*
Municipal Water and Wastewater Treatment Works in Ontario.

Notes: 1. As of 1983, the decline in the number of No Treatment plants obtaining water from Surface Water Sources and their capacity was due to the exclusion of industrial water supplies.
2. No Treatment can include disinfection with chlorine. Treated refers to other physical or chemical treatment of water.

Table 33.15 Sewage Treatment Plants by Operator, Ontario, 1975 to 1984

Year	Treatment Plants			Plant Design Capacity		
	Provincial	Municipal	Total	Provincial	Municipal	Total
	number			'000's of cubic metres/day		
1984	229	171	400	1,421	4,546	5,967
1983	226	165	391	1,329	4,441	5,770
1982	225	167	392	1,325	4,419	5,744
1981	218	154	372	1,238	4,460	5,698
1980	209	153	362	1,212	4,390	5,602
1979	211	148	359	1,244	3,953	5,196
1978	208	143	351	1,305	3,676	4,981
1977	201	139	340	1,374	3,565	4,939
1976	196	141	337	1,294	3,399	4,693
1975	181	129	310	1,215	3,157	4,373

Sources: Ministry of the Environment, *Water and Sewage Treatment Works in Ontario, Annual.*
Municipal Water and Wastewater Treatment Works in Ontario.

Note: See Table 33.13, note 1.

Table 33.16 Sewage Treatment Plants by Type of Treatment, Ontario, 1975 to 1984

Year	Treatment Plants			Plant Design Capacity		
	Primary	Secondary	Lagoons, Aerated Cells & Oxidation Ditches	Primary	Secondary	Lagoons, Aerated Cells & Oxidation Ditches
	number			'000's of cubic metres/day		
1984	42	209	149	1,108	4,646	213
1983	43	204	144	1,063	4,521	186
1982	43	194	155	1,063	4,466	215
1981	37	183	152	1,138	4,331	229
1980	38	173	151	1,088	4,296	219
1979	38	175	146	1,083	3,925	188
1978	39	172	140	1,063	3,727	191
1977	39	168	133	1,061	3,702	176
1976	39	169	129	958	3,576	159
1975	44	155	111	1,016	3,221	136

Sources: Ministry of the Environment, *Water and Sewage Treatment Works in Ontario, Annual.*
Municipal Water and Wastewater Treatment Works in Ontario.

Note: See notes, Table 33.10.

Table 33.17 Waybill Documented Hauled Industrial Waste Liquids and Sludges by Type, Ontario, 1978 to 1984

Year	Inorganic Wastes Acids	Alkalis	Metal Finishing	Cyanides	Chemical Fertilizer	Phosphates	Other	Total
	millions of litres							
1984	27.0	13.9	6.2	0.2	0.4	1.9	16.9	66.6
1983	20.5	11.8	2.7	0.2	—	1.2	62.7	99.1
1982	15.3	11.3	4.4	0.2	–	1.4	30.2	62.8
1981	23.0	11.9	6.2	0.1	0.1	1.8	23.0	66.1
1980	21.0	9.7	5.4	0.3	1.6	1.2	21.7	60.9
1979	18.5	7.9	12.9	0.2	2.9	1.2	32.2	75.8
1978	15.4	23.4	4.2	0.2	..	0.4	..	43.6

Table 33.17 (cont'd.)

Year	Organic Wastes Oily Water	Waste Oils	Organic Solvents	Plant & Animal Wastes	Plastic Resins	Phenols	Other	Total
	millions of litres							
1984	131.9	12.8	41.5	13.7	6.9	15.6	93.1	315.6
1983	78.1	9.8	30.8	8.5	6.0	2.0	50.1	185.2
1982	58.1	7.6	27.5	13.1	6.2	1.9	22.7	137.1
1981	69.8	12.4	25.6	14.8	7.2	2.0	28.1	159.9
1980	76.9	11.0	16.3	11.1	7.7	0.8	15.4	139.2
1979	66.1	11.3	12.9	12.8	5.0	2.3	21.8	132.2
1978	101.7	16.8	14.5	6.6	9.6	29.4	2.7	181.3

Table 33.17 (cont'd.)

Year	Miscellaneous Pigments, Printing Adhesives	Detergents, Cleaners, Soap	Inert Sludges	Pesticides	Pharmaceutical & Cosmetics	Unspecified	Total	Total
	millions of litres							
1984	13.3	1.9	38.3	0.2	0.3	–	54.0	436.2
1983	12.9	1.6	30.2	0.2	0.4	–	45.2	329.5
1982	9.5	1.7	18.0	0.1	0.3	–	29.7	229.5
1981	9.8	2.4	35.8	0.6	0.2	–	48.9	274.9
1980	7.8	1.2	34.4	1.0	–	–	44.5	244.6
1979	14.5	1.8	50.4	1.0	0.1	4.0	71.8	279.8
1978	10.3	..	7.2	4.5	0.1	3.6	25.6	250.5

Source: Ministry of the Environment, Waste Management Branch.

Notes: 1. 1978 data are estimated and may be incomplete. Data for 1980 refer to the period from August 1, 1979 to July 31, 1980. Data for 1984 refer to the period from April 1, 1984 to March 31, 1985.

2. Refers only to waste materials which have been hauled.

3. From 1983 on, wastes which were previously unreported are included in the Waybill System.

Table 33.18 Waybill Documented Hauled Industrial Waste Liquids and Sludges by Mode of Disposal, Ontario, 1984/85

	Direct Landfill	Incin-eration	Export	Received at Transfer Station	Reclam-ation & Re-use	Sewage Treatment Plants	Miscel-laneous	Total
				'000's of litres				
Inorganics								
Acids & Alkalis	10,327	4,094	12,615	2,221	11,103	179	408	40,947
Other	5,170	6,538	5,734	2,704	530	4,981	–	25,657
Total	15,497	10,632	18,349	4,925	11,633	5,160	408	66,604
Organics								
Oily Water & Waste Oils	34,096	26,703	14,989	15,469	43,466	9,661	342	144,726
Plant, Animal & Other	6,729	16,024	1,179	3,673	4,965	69,212	102	101,884
Other Organic	3,013	16,658	10,201	14,728	11,297	13,030	26	68,953
Total	43,838	59,385	26,369	33,870	59,728	91,903	470	315,563
Miscellaneous	28,430	6,421	4,527	7,931	2,984	3,624	83	54,000
Total	87,765	76,438	49,245	46,726	74,345	100,687	961	436,167

Source: Ministry of the Environment, Waste Management Branch.

Notes:
1. The Miscellaneous category for mode of disposal includes wastes spread on farmland as soil conditioner, wastes used on roads as a dust suppressant, and other uses.
2. The category Other under Inorganics includes metal finishing wastes, cyanide, chemical fertilizers, phosphates and other inorganics.
3. The category Other Organic includes organic and chlorinated solvents, plastic resins, amines, glycols, phenols and PCBs.
4. Miscellaneous for waste type includes pigments, paints, printing adhesives, pesticides, detergents, cleaners, soap, pharmaceuticals, cosmetics and inert sludges.

Table 33.19 Certified Disposal Sites and Collection Systems, Ontario, 1978 to 1985

Year	Disposal Sites		Collection Systems	
	Municipal, Private & Industrial Waste	Processed Organic Waste	Municipal, Private & Industrial Waste	Processed Organic Waste
		number		
1985				
New Approvals	6	..	118	37
Closures	55	..	39	11
Active as of December 31	1,421	..	1,162	226
1984				
New Approvals	8	..	72	39
Closures	59	..	52	6
Active as of December 31	1,477	..	1,173	196
1983				
New Approvals	4	..	97	50
Closures	15	..	88	22
Active as of December 31	1,479	..	1,168	167
1982				
New Approvals	7	..	90	38
Closures	23	..	54	9
Active as of December 31	1,491	..	1,160	138
1981				
New Approvals	5	..	103	23
Closures	15	..	68	6
Active as of December 31	1,507	..	1,124	109
1980				
New Approvals	22	69	75	10
Closures	101	15	77	7
Active as of December 31	1,517	436	1,089	95
1979				
New Approvals	79	125	104	17
Closures	57	33	71	7
Active as of December 31	1,596	382	1,091	92
1978				
New Approvals	75	140	68	35
Closures	30	35	29	10
Active as of December 31	1,574	290	1,058	82

Source: Ministry of the Environment, Environmental Approvals Branch.

Note: All disposal sites and collection systems must have Certificates of Approval to be active. A number of sites were in operation prior to this program. Many of these were never issued certificates, and have been closed.

Table 33.20 Ministerial Orders and Program Approvals Issued to Municipalities, Companies and Individuals, Ontario, 1978 to 1985

Year	New Orders Issued	Orders Amended or Extended	Total New & Previously Existing Orders	Orders With Final Deadline in Year
		number		
1985				
Control Order	15	5	73	8
Requirement & Direction	1	–	9	2
Program Approval	–	–	2	–
1984				
Control Order	10	6	63	12
Requirement & Direction	2	1	8	3
Program Approval	3	–	3	4
1983				
Control Order	12	9	68	14
Requirement & Direction	2	1	9	1
Program Approval	2	–	2	–
1982				
Control Order	49	4	103	63
Requirement & Direction	1	1	11	–
Program Approval	–	–	10	–
1981				
Control Order	40	10	87	22
Requirement & Direction	2	–	9	1
Program Approval	1	–	10	–
1980				
Control Order	37	3	82	38
Requirement & Direction	3	–	10	3
Program Approval	–	–	9	2
1979				
Control Order	66	16	96	33
Requirement & Direction	3	2	14	3
Program Approval	–	2	8	1
1978				
Control Order	20	5	42	5
Requirement & Direction	7	1	11	4
Program Approval	6	–	16	9

Source: Ministry of the Environment, Regional Operations Division.

Notes: 1. Control orders and other Ministerial Orders often have a number of different deadline dates for individual components of the program. The number of orders that are supposed to terminate in each part year are listed. This does not necessarily mean that abatement programs have been completed.

2. Control Orders and Program Approvals are issued under the Ontario Environmental Protection Act, 1971. Requirement and Direction Orders are issued under the Ontario Water Resources Act.

3. More detailed breakdown of the various ministerial orders may be obtained from Regional Operations Division of the Ministry of the Environment.

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